Ali Raza | 20+ year's experience

Contact:

07958670704   *Cloud Architect & Full Stack Engineer (DevOps)*

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Background & Overview:

Solutions-oriented Architect and Full stack engineer with a proven track record of effective infrastructure design and software system implementation, through utilizing Best Practices and Agile Development Methodology to facilitate solution implementation in a medium or large enterprise environment including complex mobile apps.

Developed and integrated high end of services and application nodes with complex infrastructure and problem solver in New Dimensions. My ability to remain current is a testament to my dedication, motivation, and my willingness to explore new technologies.

Worked with more than 20+ companies both as Lead developer and Architect and have provided significant contributions to Organization and Stakeholders.

- I became a Lead Architect / Full Stack Engineer due to my extensive experience in AWS and Google Cloud covering complex applications in ecommerce, media and banking sectors.
- Gained expertise in all kinds of social media integration like Facebook, Twitter, Google, crowdsourcing, cloud system and NLP integration for user grabbing and high network data and user traffic generation.
- Design and developed few banking frameworks by using new cutting edge and open-source frameworks
- I am an effective communicator and can normally create a solution that overcomes any obstacles to achieve a mutually accepted notion of success in terms of project delivery.
- I preferably work in a team using new open-source technologies and new frameworks are very exciting to me.
- Friendly, outgoing personality and enjoys working as a part of a team, while being self-motivated.
- Takes pride in providing a high level of service.
- I outstand different from other architects due to my very extensive experience in Cryptography, backend, middleware, front end and mobile and not only that I am able to learn very quickly new frameworks and API's to support robust.
- Able to communicate well with team and business users, both verbally or in writing and try to help them in any situation.
- Desire to work with others; share ideas and values team success over personal success.
- Able to align requirements from stakeholders along with design and technical requirements
- Commercial and business banking application development and XERO account integration

Technical Overview:

- Deep level of expertise in JavaScript frameworks, specifically in React, Redux,GraphQL. Usedtools (Babel, Webpack, NPM)
- Work closely with solution designers and system testers to produce, deliver and support changes and new functionality to Cryptography team applications defined in the delivery unit's plan, reporting progress and issues.
- Produce and maintain high/low Level Designs, unit test plans and contribute to support guides.
- Produce, test and document all deliverables in accordance with development standards, code reviews and procedures.
- Provide 4th line support for Cryptography team applications, analysing problems and delivering fixes to agreed quality standards and timescales.
- C/C++ experience
- Java Development experience and Knowledge of high-performance key management/cryptography device configuration
- Demonstrable knowledge of multi-threaded applications
- Demonstrable experience in SSL Mutual Authentication implementation
- Use of Cryptographic Service Providers (CSPs)
- Experience in JavaScript unit testing eg Jest, Mocha, Jasmine
- Core web Front End fundamentals eg HTML, JavaScript, CSS, AJAX, JQuery, Bootstrap, BEM model
- Demonstratable history of developing complex UIs in a commercial environment
- Experience with Node.js Back End and Relation Database (MySQL)
- Care about performance, accessibility and API design.
- Experience with modern JavaScript coding, testing, debugging and automation techniques.
- Excellent analytical, problem-solving, and troubleshooting skills.
- Ability to troubleshoot, debug & optimize performance
- Create tools that improve site interaction & implement UI/UX designs

- Growth-minded to stay up-to-date with advancements in technology
- Information architecture design and Prototyping with graphic design tools
- A passionate person who is driven to succeed and Deliver high quality code
- Self-motivated and driven to manage own time and results

Recent Client Project

Organization	*HSBC (August 2022 – current)*
Designation	**Cloud Architect / Full stack Engineer**

Helping client for Migration and Transformation of Finance Resource Management Products. Started with PoV and carried out MVP in line with Production Road map. Providing CI CD and Automation solutions to the DevOPs and Infrastructure for best practices. Provided plug-in interfaces and manual for development and DevOps purpose as

Responsibilities
- Provided On Prem and Cloud based System Design, solution for FRM Risk and Treasury to reconcile Global data for different location and sites, includes microservices, APi Gateways etc
- Developed MVP for ETL from data finance data sources and automate the infra and Data ingestion
- Involved in all phases of the software development lifecycle, including design, coding, testing, and deployment.
- Troubleshooting and debugging complex issues to ensure optimal application performance.
- Experience working across hundreds of projects on building digital systems and enhancing enterprise-level agility
- Forward-looking approach aimed at addressing emerging challenges
- Ability to effectively respond to changes in the business environment, customer requirements, and enterprise strategy
- Proficient in creating agility through the utilization of key properties:
- Scalability: Demonstrated ability to deal with changing workloads and maintain service levels
- Modularity: Experience in versioning, replicating, and defining well-defined interfaces for architecture components
- Composability: Skill in creating a recursive and uniform architecture that seamlessly integrates new components and capabilities
- Strong understanding of modern cloud infrastructure and effective scaling techniques, including the use of containers
- Proficiency in business mirroring with domain-driven design (DDD) to establish modularity at the macro level
- Track record of developing architecture that allows for the seamless addition of business logic through APIs, enabling easy integration with various systems such as web applications, mobile apps, and server-based systems
- Keeping up to date with industry trends and technologies to drive innovation and continuous improvement.
- Worked on a key figure collaborating with several teams in other regions, working within an Agile team, writing requirements and specifications, and developing relationships across the technology and user communities. In addition, make sure always focusing on the delivery of value and high-quality code.
- Supported modern agile software development methods, including educating & mentoring less experienced team members and working with teams across London and other regions.
- Worked as a team prioritization and organization daily, often changing priorities at short notice.
- Review other team members' changes as a part of our small, agile development team, giving feedback and building knowledge.

Technologies: React, Cypress, OpenShift, GCP, Looker, IAM, DataProc, Bigtable, BigQuery, Cloud Run, Cloud Function, AI, ML, Cloud build, Cloud deploy, Container Registry, Databricks, Neo4j Aura, Elastic Cloud, Data Grid and Data lakes, AWS, Azure, App Engine, Cloud Run, Compute Engine, Neo4J, Kubernetes, Docker, Docker-Hub, Python, EC2, Lambda, Elastic Beanstalk, VPC, IAM, S3, State machine and State function, Cloud Formation, SMS, SES, SNS, Docker, Backbase, Micro service architecture, ADFS 3, Azure Cloud, Web Sockets, Swagger, APIGEE, GraphQL, Apollo, Java, Node, Gatsby, Typescript, Material UI, Angular, JQuery, D3JS, HTML5, Jenkins CI build, MySQL, Java, Big Data, Mongo DB, JSF, Agile / SCRUM, Python, Terraform, Kubernetes, Docker, Hadoop, Big Data, GRPC, Python.

Organization	*Unleashed (May 2022 – July 2022)*
Designation	**DevSecOps/ Cloud Architect / Full stack Engineer**

Helping client for Acquisition of product to move UK and provide multi-channel services Globally. Scope of work includes new customer onboarding and set up. The base setup includes activities such as updating the DNS and Load Balancer, pushing changes to the career graph, adding new Auth0 tenants, deploying application assets (logo), and additional QA. HRIS/ATS data from the customer, additional setup activities are required such as uploading users to the database, setting up roles, uploading internal data, and creating an ATS nightly job to pull in job board changes.

Responsibilities

- Design & Develop talent finder application to cut down processing times of search to less than 1 secs from 20secs
- Support and create engaging/modern user experiences per stakeholder's specifications in the form of clean, W3C-compliant front-end code using React, Redux, and Hooks
- Implement Web standards, semantics, usability, accessibility, and optimization, with emphasis on code architecture, modularity, and reusability
- Design Security Engineering Architecture and designed and Cryptography (encryption, decryption, hashing)
- Provided best practices for Network, Product and Application security
- Collaborate with multiple developers, team leads, design, and product teams to ensure product goals are met
- Perform unit testing on code using the Jest framework and ensure proper code coverage for all components
- Mentor and pair program with other UI developers to implement coding standards and best practices
- Design and implement GCP terraform modules
- Allow users from external organizations (like other Azure AD directories) choose the appropriate multitenant option. Multitenant options include the following: Accounts in any organizational directory (Any Azure AD directory - Multitenant)
- Create a backups bucket on cloud storage in GCP
- Docker, GCP, State Machine and Lambda Step functions
- Setup Clusters and Kubernetes micro services, Postgre, migrate data and Neo4j and AI Layer
- setup dependencies which is needed before pushing container to Kubernetes and creating a mongo and redis instance outside of GKE.
- Created a separate instance of mongo on a compute server outside of GKE. added this server to a new VPC network that has access to the default staging and the production one and installed through bitnami. Add the credential path to the env variable
- Created another separate instance of redis outside of GKE. Use the memorystore service on gcp to setup an instance of redis. Make sure internal ip address should be accessible by all the containers within GKE
- Setup Helm Nginx for Kubernetes
- Ensure due technical consideration is given to make processes repeatable, scalable, and secure
- Provided a deep technical knowledge and experience in DevOps environments, providing support to delivery teams and solving complex problems
- Adopt current, established ways of working and advise on improving them and pro-active in identifying areas to improve. Be able to work with clients with low technical expertise

Technologies:, React, Cypress, OpenShift, Java, Node, Gatsby, Typescript, Material UI, Ember JS, Node, Meteor, React Storybook & Gatsby, Angular, JQuery, D3JS, HTML5, Jenkins CI build, Apium, Splung, CSS3, Siesta, Phantom JS, Jasmine, Egg Plant, JIRA, W3C & WAI Standards, Object Oriented JavaScript, MySQL, Redux, Java MVC framework, EXT JS 6, Less, Mixins, Java, Big Data, Mongo DB, IntelliJ, Google maps, GWT, Hibernate and JPA - Apache CXF, JSF, JBOSS technologies - Agile / SCRUM, Cordova, Python, Terraform, Kubernetes, Docker, Hadoop, AI, AML, Big Data, GRPC, FastAPI, Python, GCP, AWS, Azure, App Engine, Cloud Run, Compute Engine, Neo4J, Kubernetes, Docker, Docker-Hub, Python, EC2, Lambda, Elastic Beanstalk, VPC, IAM, S3, OpsWork, Cloud Formation, SMS, SES, SNS, Docker, Backbase, Micro service architecture, ADFS 3, Azure Cloud, Web Sockets, SignalR, Swagger, APIGEE, GraphQL, Apollo, IAM, Cryptography

Organization	E-Tech Consultancy *(Sept 2020 – May 2022)*
Designation	DevSecOps/ Cloud Architect / Full stack Engineer

Working on Rental cars and Connect Car Project

Responsibilities

- Implement high-level technical requirements in a reliable, scalable, and performant way
- Provided coaching and mentoring to more junior colleagues
- Ensure due technical consideration is given to make processes repeatable, scalable, and secure
- Provided a deep technical knowledge and experience in DevOps environments, providing support to delivery teams and solving complex problems

- Adopt current, established ways of working and advise on improving them and pro-active in identifying areas to improve. Be able to work with clients with low technical expertise
- Transparent & collaborative when making decisions, shared knowledge and experience with other team members

ETL & Server Management
- Led a team of 13 Software Engineers to supervise Extract, Transform & Load (ETL) development via SSIS (Primary)
- Directed **SQL Server development** & deployed **Data Warehousing** using Hadoop, MapReduce, Hive, Splunk, Pig, Oozie
- Monitored **Full/Incremental Daily Loads** and rendered support for all scheduled ETL jobs
- Documented business/functional requirements & **reviewed** the **solution architecture** for ETL projects

Cloud Development & Automation
- Designed and developed server-less node services and **React** based apps for desktop and mobile.
- **Migrated EC2 to Fargate - Switch ELB to use ALBs and WAFv2 for AWS**
- **Design Infra for App engine, Bare Metal, Cloud Run**
- Significant practical experience and detailed technical knowledge of RedHat-based Linux distributions, Containers and container orchestration and provided Terraform scripts
- **Led 3 Engineers** for management & **migration** of traditional infrastructure to **cloud-based automated infrastructure includes GCP, AWS and Azure, Datadog, Kubernetes, Terraform, IAAC, SAAS, PAAS**
- Played a key role in architectural discussions to design solutions & ensure successful **deployment** & **security** in the cloud for both Mobile and desktop app
- Deployed **Ansible**, **Puppet, Chef**, etc. to independently develop automation & configure management **modules for automation release management.**

Product Development and CI CD
- Provided architectural application solution with framework modeling how to utilize state management within React Library to support share plan app using, Android, IOS, React Native, Mongo
- Designed and Implemented Top-down and Bottom–up RESTful Web Services using JBoss RESTeasy framework
- Created server less modules in lamda function for shares and plans using python and JavaScript
- Led the load testing and load qualification effort of the application for a major release. Used tools HP Load Runner to apply load and monitor system activity, and JMX based tools to profile applications and get visibility into problem areas. Results: Improved system efficiency, root caused faults, and brought it into shippable condition
- Provided design and solution for CI / CD pipeline
- GraphQL and Swagger proposal and design.

Stakeholder Management
- Collaborated with onsite/offshore development resources from delivery partners to **develop** & **test integrated solutions**
- Coordinated with a **team of 5 Developers** to **initiate Advance procedures**, triggers**, functions**, Indexes & exception handling
- Liaised with the **QA** team to **optimize queries** by creating various **clustered** and **non-clustered indexes**

Troubleshooting & Application Management
- Monitored production applications on Azure & initiated corrective actions based on customer feedback & surveys
- Deployed the solution on a high-availability shared service production environment
- Complied with the established **software development life cycle** methodology
- Conducted **feasibility studies** to diagnose data issues & **communicate** the **impact** of data problems on the business

Technologies: GCP, AWS, Azure, App Engine, Cloud Run, Compute Engine, React, Java, Python, Terraform, Kubernetes, Docker, Hadoop, AI, AML, Big Data, GRPC

Organization	Computershare *(Feb 2020 – Sept 2020)*
Designation	**Full stack Engineer / Mobile & Cloud Architect**

- Implement and improve monitoring and alerting systems based on React and Angular (2 separate applications).
- Designed and developed several react / angular components and libraries
- Provided best UX/UI experience to stakeholders to meet their business needs
- Build and maintain highly available systems on Kubernetes.
- Implement and manage CI/CD pipelines.
- Created Hadoop HDFS partitioned and participated in on-call rotations.

- Virtualization & Load Balancing
- Cloud Based Distributed Computing
- Server Maintenance & Infrastructure Monitoring
- Team Management and CI CD Development
- IIS and Apache Tomcat Web server skills
- Atlassian – JIRA/Confluence/Crowd/BitBucket/Bamboo, JFrog Artifactory and Zephyr Enterprise
- Scripting languages: Python, PowerShell, Bash, YAML, Jscript, Java, Kotlin, Golang, GPRC, Proto-Buff, R.
- Active Directory, DNS, IPA, FTP, sFTP, SSL, general networking / firewalls
- Installation and configuration of C++, Java and .NET applications
- Knowledge of stored procedures/functions, triggers, query performance monitoring, database maintenance, schema and data comparison tools (Redgate Tool belt for instance)
- Informatica ETL - PowerCenter (use of Workflow Manager)
- ELK stack (Elastic Search, Logstash, Kibana), Splunk, Grafana

Technologies: React, Cypress, OpenShift, GCP, AWS, Azure, App Engine, Cloud Run, Compute Engine, React, Java, Python, Terraform, Kubernetes, Docker, Hadoop, AI, AML, Big Data, React, JavaScript, Node, Java, Golang, Python, Oracle

Organization	G4S *(Dec 2019 – Feb 2020)*
Designation	**DevOPS Engineer / Cloud Architect**

I joined this organization as a **Cloud Architect and Big Data Engineer** where I was assigned following tasks:
Big Data & Application development
- Developed **25+ Analytics** Dynamic dashboards to administer and analyze virtual machine requirements for **implementing Big Data solutions.**
- Defined a roadmap in innovative technology space, developed process frameworks, and led data migration on Hadoop
- Managed end-to-end enablement and acceleration from new business development to solution execution
- Analyzing business requirements to formulate strategies for implementation of Big Data initiatives
- Deploy social media analytics to measure, analyze & interpret interactions & associations between people, topics & ideas
  AWS Setup & Architecture
- Evaluated **5+ proposals** daily & recommended the best technical solutions.
- Created the **architecture** and created the **Cloud Formation** template to facilitate deployment.
- Provided complete infrastructure solution including configuration, BOM of Server & Storage components.

Cloud Management & Troubleshooting: Deployed the Elastic Load Balancer & configured HTTPS certificates & managed scalable & highly available systems on AWS, Set up a **VPC environment** & designed an effective backup strategy, Superintended **production applications** on AWS & initiated corrective depending on customer feedback & surveys.

Organization	**Euro Garages	July 19 – Oct 19**
Designation	**Lead Architect/ Full Stack Engineer**

Responsible for the delivery of the Systems integrated with Shell, ESSO, SPAR, Starbucks, Greg's, Subway, Macdonald, NCR, Woolworth Australia, BP, Burger King.
- Provided cost effective AWS and system integration solution.
- Monitoring Multi Factor authentication including biometrics POC. Review Integration design and principles for site controllers, back-office system, POS systems and Price controller.
- Daily basis dealing with all stakeholders for UI / UX journey and outline key benefits area for ROI and potential increment of KPI.
- Engaged with System architecture, BA's, Designers and Managers to make sure project scope is well aligned and to sign off without any impediments.

Technical: Provided best UX/UI for the App and provided Flow and design how EG tokens will work as a payment system. I was also continuously reviewing and providing feedback for PID, Quality Register, Risk Register, and Highlight Report.

Organization	**HSBC Bank |Oct 16 – June 19**
Designation	**Full Stack Engineer / Mobile architect**

Responsible for leading team, hands-on, sometimes running scrums, daily catch-up with offshore, weekly supporting Jira tickets, liaised with designer/developer and infrastructure teams to unblock issues and always working in multiple dimensions. I have supported high profile projects and products across the HSBC global domain for which I have carried out several POC's and RND. My success was to make POC's to the production level and gone through with all complicated processes. I also actively worked with product owners and stakeholders to smoothen the delivery process and iron out NFR's and non-functional requirements.

Due to my 12+ years of UI/UX experience was able to help designers too and made the customer   experience journey to the very high standard. Being a full stack engineer; I have supported several work stream and developers by adopting agile/ scrum processes and not only that I have laid foundation of CI/CD and test automations by using different scripts. I also worked in Online banking Accounts and Payment systems, Move money, GTRF, Global trading and Commercial Banking system, which includes more than dozens of different modules. I have also supported AWS cloud migration, costing and architecture of ALB, CLB and NLB with backend services like Mulesoft and third party APi's.

AWS Cloud Architect responsibilities:

Security Management, Managing Load balancer and EC2 instance, auto scaling, managing S3 buckets, VPC's, Subnets, Route Tables, Internet Gateways AWS Lambda and Cloud watch etc.

Provided Cost Efficiency/Cost Optimization for AWS and Migrating On-Prem to Cloud (AWS). I have proven experience in heavily regulated environments.

Provide 4th line support for Cryptography team applications, analyzing problems and delivering fixes to agreed quality standards and timescales. Use of Cryptographic Service Providers (CSPs)

React and React Native Projects:

Design and develop HSBC business banking application, which was integrated with BIB (Business Internet banking Legacy system) Portal. I have developed reusable components by using a storybook and also used Gatsby. Integrated with Meteor and used Loop back for backend Api's, & Redux with React.

Projects:
- Business Banking App
- Commercial Banking Platform and Application
- Iceberg – banking accounting system
- DTC – Digital Transformation
- Alexa Integration with Accounts Summary
- Reusable component and shell app

Review and Supported following project:
- Move Money using SSO API with certificate pinning
- Connect for batch payment transfer
- Ring-fence and multi-business account mapping
- POC for accounting and payroll system integrated with XERO APi's as a hybrid App
- Account, Payments and Transfers and its details

Delivered 3 projects with team, which are live now
- DTC – Commercial Banking (Net Pilot)
- Iceberg – Banking with online accounts and invoices (integration with XERO)
- Business Mobile banking developed in both IOS and Android
- Business banking

Removed Impediments of Mobile & Devices Securities
- Certified Pinning, SSO admin, RASP (Jailbreak), Enterprise-grade identity federation
- SAML (using Ping Federate)
- Biometrics and Identity Access Management
- Identity Management (using Centrify)
- Fraud Feeds & Analytics Integration
- Release pipeline & CI/CD with Jenkins for Test Flights

RND and POC's
- Accounts summary integration with Alexa
- XERO API integration with accounts
- OpenAm Tactical solution and integration with CIS
- Design and Develop re-usual component library for Online banking

Scrum / Agile:

- Daily scrums and stand-ups
- Sprint Planning and Stories grooming
- Product backlog and Sprint Retro
- Jira management for Stories and Epic and integration with github and bug tracker
- Confluence page management for the project

Organization	Nationwide Bank |March 15 – Aug 16
Designation	Application Virtualization Engineer & Tech Lead

In charge of managing and maintaining the container infrastructure, experience in containers, networking, storage, compute, cloud infrastructure design and implementation, and excellent communication skills.

In this company I have written my own API / Framework to support Web Sockets with Signal R. Worked on one of new concepts of banking framework which will be roll out to support different products and services. Worked in a large team and based in multiple locations to develop and integrate application with internal and external services and used advance techniques and patterns for the creation of baseline banking framework which can be easily pluggable and reusable throughout the organization.

Developed an enterprise application in cross platform and also integrated system with number of web services using JSON / Rest and SOAP API's.

Infrastructure & Team Development (SCRUM)
- Carried out deep analysis for the new project, captured and gathered requirements from BA and product owner
- Outlined tools, specification and help solution engineers to construct HLD and Technical Design
- Written API / Framework to support Web Socket jQuery Signal R for Sencha6
- I have uplifted app from Sencha 5 to Sencha 6
- Written Cordova plugins for EXT JS
- SQLite / SQL server DB designed in both app and backend used mongo DB and SQL Server
- ADFS3 design for OAUTH 2.0
- Deep linking between APPS and ADFS3 plugin for IOS hybrid app Authentication

Designed, Implemented MVVM and MVC application structure
- Finalize Front end UI for savings account application
- Delivered UX and UI components in Agile / Scrum way
- Integrated services using REST / JSON /
- Review unit tests and End to End testing using jasmine, Siesta, phantom JS.

Organization	E-Tech consultancy *(Jan 2015 – March2015)*
Designation	Architect and Scrum Master

Help the team to break down EPICS into Features into User Stories and then related tasks. **Also set** priorities Product Backlog lists & integrated services using REST / JSON / Direct Manager.

Organization	Ministry of Defense UK *(Nov 2014 – Dec 2014*
Designation	Lead Developer and Architect

Due to the success of application launched in Google Play and iTunes it gave me a chance to support them, so I re-joined this organization for very short term to keep this enterprise application up to date with new devices and platform.

For previous work in this organization please see Project details below in section dated *Nov 2013 – May2014*

Organization	Ministry of Defense UK *(Nov 2014 – Dec 2014*
Designation	Lead Developer and Architect

Design and Develop front end portal pages using Angular JS, Bootstrap, CSS3, LESS, RESTFUL API's, search clustering using Lucene, Solr, Carrot and Cassandra. I also optimized less CSS and media query and JavaScript and implemented Portal dashboard and improve UI and usability.

Organization	**National Grid** *(Oct 2013 - December)*
Designation	**Solution Architect and Lead Developer**

Design and develop weather schematic for NG control center Dashboard which also supports mobile devices and tablets, 24 different Bar charts, Line Charts, Area Chart, Multi-Series line Charts Stacked bar charts etc. Also designed web based component for NG network diagram.

Organization	GSK (Wallace HC)
Designation	**App Developer and Consultant** *(Feb 2013 – October 2013)*

I developed Android and iPhone App development, Web App Responsive design using JavaScript, JQuery and media query and Dojo & also designed Location based Service and Google maps.

Organization	O2 – Telefonica
Designation	**Lead Developer** *(Oct 2012 – Jan 2013)*

O2 Balance checker, O2 Priority – Integrated with Twitter and Facebook and location based service was developed. Designing and developing ESB by using OpenESB with Glassfish was also done and used LDAP, FTP and HTTP binding and JMS.

Organization	Hawkins (Forensic Investigation)
Designation	**Architect and Lead developer** *(Sept 2012 – Jan 2013)*

Designed & developed Apps for forensic investigation company to cut down their overheads and enhance their services. (Further details cannot be provided as a matter of confidentiality).

Organization	Digital Objects
Designation	**Lead Architect and Lead Developer / *(May 2012 – Oct 2012)***

I have worked in following mobile projects using Native Platforms and cross platforms like PhoneGap and Appaccelerator.
1. Menu Spring - http://www.menuspring.com/
2. Magtogo - http://www.magtogo.com/
3. Monsoon App – monsoon site
4. E-Wallet – prototype (Integrated with Facebook)
5. Hampshire i-pad Application - property
6. Buzzshare – Events information
7. Fweebi - Shopping App

Organization	Aqua Intelligence
Designation	**Lead Developer /Architect** *(Feb 2012 – May 2012)*

QR code, signature, GPS, Location based service, internal relational DB, picture upload and one of amazing features uploading large chunks of data to the server without losing any data integrity, I also did mobile content management that had PDF generation, DB migration script and migration rules in xml.

Designed and developed Front End Application for web and mobile using Ajax, JQuery, Spring, Hibernate, XHTML, CSS, JavaScript Design and develop front end reporting tools using Struts, JSP, JavaScript, DHTML, Photoshop, JQuery, HTML, AJAX, JReports, feedback application with full working prototype for the clients such as T-Mobile and Tesco.

- **ODM APP** – NON Public – for clients like Matalan, Tesco's, Waitrose, Fox 21st century, Universal studio etc

- **Mercedes App** – Developed on PhoneGap prototype

Organization	Media Front
Designation	Lead Developer / Architect *(Jan 2012 – Feb 2012)*

Worked as a contractor to support and redevelop their enterprise app RimiPluss whose link in the android market as follow https://market.android.com/details?id=com.rimi.RimiPluss. I also integrated with Face book & Twitter.

Organization	Royal Bank of Scotland – Headquarters
Designation	Technical Specialist / Sr. Engineer *(Nov 10 – Dec 11)*

Extract the functional specs from the teams based offshore and then design and develop prototypes accordingly. Coded native app for mobile but also provided significant solutions and architecture for the mobile web framework to support variety of handsets and Tablets.

I was also optimizing and fine-tuned online Banking application using solr, Tika, Lucene, NLP, Low Latency, Java Heap and memory for both web and smart phones. I worked on CAMS and Bank Works to support high transactions. I designed and implemented RBS portal using Liferay, Lucene, Solr, Tika and Nutch for both mobile, web, clustering using Carrot2 and integrated with Solr. I developed charts, graphs and map polygons and overlays by using JQuery Charts, Pivots.

I have developed prototypes for Mobile Banking, ISA's, and Payments & provided Cypher encryption for the data and OAuth 2.0. Secured login with ADFS, HTTPS, SSL implementation, DDA complaint solution for both MCS sites and reformatted HTML and CSS to support JAWS (screen reader).

Organization	PFIKS - Local Government Project
Designation	Consultant / Sr. Dev *(Aug 10 – Oct 10)*

Designed & developed Search clusters using Solr, carrot2, Tika, wiki and blogs for portal using Liferay, Lucene, Solr, Tika and Nutch

Front end reporting tools using Struts, JavaScript, DHTML, Photoshop, JQuery, HTML, AJAX, and JReports and integrated with face book, PayPal and world pay. Also developed CMS includes wiki, blogs, document library, member's activities by using java, JSP, spring, Liferay, Search clustering using Carrot2 and integrated with Solr, charts, graphs and map polygons and overlays by using GWT, E-Commerce sites using OSCommerce, Konakart, spring & hibernate.

Organization	Fizzback
Designation	Consultant / Tech Lead *(Jan 2010 – June 2010)*

Designed & developed Customer survey Application for web and mobile using Ajax, Jquery, Spring, Hibernate, XHTML, CSS, JavaScript and MySQL, Implemented NLP Engine, Tesco and AT&T, develop front end reporting tools using Struts, JavaScript, DHTML, JQuery, HTML, AJAX, and JReports. I also designed websites, Web 2.0 style web applications and web interfaces.

Organization	Ericsson
Designation	Architect / Lead Dev *(July 08 – Dec 09)*

Designed & developed SOAP/REST WebServices for mobile products & prototypes for the search capabilities using Lucene, search objects, stored procedures, trigers and views using PL/SQL. Developed web content though Fatwire and created prototype CMS with Liferay and mysql using Eclipse 3.4.2 Java EE IDE, GlassFish v2.1. Developed integrated browser based application, which makes VOIP conference call between face book and Vodafone users. At backend used Beans, WebServices, Servlet, JDBC and Connection pooling. XML XSTL, JSON, JSTL, JDOM, JQuery, W3cDOm, HTML, JavaScript, AJAX

are used to manage front end. Tracker System Using **RCP**, **SWT**, Java and Java Multithreading and DB connection pooling. Google maps API, KML, XML, JavaScript, AJAX and Struts2 and Search clustering for Liferay.

Organization	Insolvency - www.insolvency.gov.uk/
Designation	Solution Architect / Sr. Developer *(May 08 – July)*

My assignment was to upgrade the portal site (Liferay) at the request, business and data layers. Worked on Service Oriented Architect (SAO) and Designed business models based on BPEL and SCA. Migrated applications from WebSphere to BEA WebLogic.

Kana – AOL Project **Architect / Sr. Consultant (Dec 07 – Apr 08)**	Developed Web Services using SOAP, SOA, ESB, WSDL2Java, axis, sso certificates etc Developed DB connection pooling, DB caching, IQ Application using RCP and SWT, java JNLP, Servlet controller, struts2 action, Ajax calls to Servlet and using JavaScript, jsp, html, css, photoshop etc Also designed and developed JSP pagination, memory cache handling and Beans and UI with Various Swing Components. Extensive used of JavaScript's for validation, manipulating forms, taglibs and data.
Paterson's – IBM joint venture Team Leader / Developer (May 2007 – Nov 2007)	Responsible for the development of the core logon2 application which includes sub systems like HR management, Payroll, Payslips, Timesheet Management, Hyperion, Kronos etc. End clients Google, Citi-bank, Parexel, Lenovo, Intel and Henderson's.
T- Mobile **Web Developer and UI Designer (Jan 06 – Apr 07)**	Worked on a high profile CEBIT project and also worked on the development of T-Zones project.
British Telecoms **Consultant / Lead Developer** *(Oct 04 - Sept 05)*	Responsible for the design and development of Risk and rating engine which is a part of existing project. Using java with different design patterns like composite, factory and singleton patterns where required. Messages are passed to the engine from different sources example 1. Broker Interface: who floats quote for insuring buildings, hospitals, Fire Proximity etc 2. External Interface: this engine receives data from external interface, which can be whether forecast database, Royal Mail Address database, Flood database etc. - Development of the test methodology (stress test, massive insertion of deals). - Realization of the benchmarks, fine tuning and drafting of the deliverable. - Realization of prototypes for the validation (qualification of the functionalities of Calypso to the needs for SG's back-office). This Risk and Rating engine evaluates risk rating between 1-6 for the insurers whether to give them insurance or not and beside these there are several steps, which is the part of the whole engine.

British Telecoms **Consultant / Lead Developer** *(Oct 04 - Sept 05)*	I did System Analysis, Design and Development of the BT Retail Project and also responsible for installing and configuring Web Logic Server 8.1 and integrated with eclipse and SWT plug-in. Build Dimensions and Hierarchy for Hyperion Essbase. Designed and Developed front –end for Pan BT application using SWT layouts and controls, spring based application for Hyperion Essbase. I Implemented business logics at the backend side using oracle packages, procedures and PL/SQL & also implemented user Security on Pan BT applications I Provided 100% support (1st Line, 2nd Line and 3rd Line) to the client and dealt with their problems & documented Project, Faults, Client Change Requests and Business Architecture.
NTL Group **Consultant / Developer** *(May 04 - Sept 04)*	System Analysis, design and development of the Harmony Project for Data Migration were the tasks. Generated report, code, documentation and system user manual. Java code Reverse Engineering for current system. Developed user screens and forms in SWT and using JSTL, Beans, JSP, XML, and Java Scripts.
BBC Monitoring, Caversham **Senior Developer / Designer** *(March 04 - May 04)*	Analyzing, designing and development of the Archive system that provides a full text retrieval system giving access to BBC Monitoring archive news material. Created documents for textual analysis, Use Case Diagrams, created Actors for system, Association Link, Relationship link and Sequence, Activity, Collaboration, class, component and deployment diagrams. Generated reports, codes, documentation and system user manual.
Northern Rock & HBOS (Dinex Consulting) **Team Leader/Lead Developer (Mar 03 – Mar 04)**	Implemented a Risk & Regulatory Reporting tool in compliance with Bank of England ER and PL reporting requirements.
Web Info Tech **Sr. Developer/Team Leader** *(Mar 1999 - Feb 03)*	To assist the web master to re design the web sites using Dreamweaver, Adobe photo shop 5.5, HTML, DHTML, Free hand, Illustrator, Java and Java script, Tomcat, Fireworks, CSS.

SKILLS | TECHNOLOGY STACK & FRAMEWORKS

Tools & Programming Languages		New Cutting Edge Technology	
Java, JSP, Servlets, EJB, J2EE, JSF, ESB	18 years	Felix, Hive, IOT, Camel, Kafka	4 years
Spring, Hibernate, **Struts, Lucene, Solr, Carrot**	7 years	Balsamic, Visio, Sketch, WebPack	6 years
C / C++, PHP, **Cassandra, Mongo, Python**	5 years	React Native, Iconic, Cordova, PhoneGap, Gulp	4 years
IntelliJ / MyEclipse / Sun One Studio	6 Years	**Portal and CMS Systems**	
Front End and Web technologies		Drupal, Fatwire, Apache Lenya	2 years

W3C & WAI Standards, HTML, CSS, JavaScript	18 years	Alfresco, Atleap, Liferay, Adobe EM	5 years
Specialist in UX/UI Design	10 years	**Application Servers and Databases**	
JQuery, JSON, REST, AJAX, SOAP, Web sockets	8 years	Tomcat, JBoss, Web Logic, Websphere	16 Years
Node, React Js, EXTJS, Dojo, Express, LoopBack	5 years	Apache, Mongo, Elastic Search	5 years
Bootstrap, D3JS, Angular, SASS, Less, Webpack	6 years	Oracle / SQL Server / MySQL / Postgre	10 years
AWS & Google Cloud		**Mobile & Testing Framework and Tools**	
EC2, Lambda, Elastic Beanstalk, VPC, IAM, S3, OpsWork, Cloud Formation, SMS, SES, SNS, WAF and Shield	5 years	Siesta, Phantom JS, Jenkins, Jasmine	3 years
Route 53, CloudFront, RDS, ElastiCache, DynamoDB, Redshift, DocumentDB, Alexa, API Gateway	5 years	Mocha, Selenium, Mockito, Egg Plant	2 years
Docker, Kubernaties, Ansible, Chef, Python, DEVOPS	4 years	IPhone, Android, Cordova, PhoneGap	5 Years
GCP, Compute, Big Data, Anthos, BigQuery,	4 years	Open ESB, Fuse, WID, Terracotta	5 Years
GIT, JIRA, Confluence, SVN, CVS	10 years	Balsamic, Visio, Sketch	6 Years

CERTIFICATIONS

Agile PM Certified	**Prince 2 Certified**	**Sun Java Certified**
Change Management Certified	**AWS Certified**	**APTECH**
Certified Scrum Master	**AWS DevOps Certified**	**MCSE+I**
Certified Product Owner	**AWS Migration Certified**	**Java**

EDUCATION & CREDENTIALS

**MCS	Computer Science**	**B.S.C	Computer Science**	**FOUNDATION SCIENCE British Universities**