Aashu Jaidka

Professional Summary

➢ Skilled IT professional with **10.5 Years** of experience, comprehensive of leading and developing projects.
➢ Successfully lead projects from initiation to completion, using SDLC including requirement gathering, designing, implementation, testing, and maintenance.
➢ Proficient in working with various technologies like Node,js, Java, J2EE technologies.
➢ Good experience in implementation and testing of Restful Web Services. I have been designing **architecture of QA automation processes**.
➢ Developed web-based GUIs using HTML, CSS, Java Script, JQuery, JSON and AJAX, React, ZKoss
➢ Expertise in **multi-threading** in Java along with concurrency handling using synchronization techniques.
➢ Worked extensively with RDBMS development and implementation using MySQL.
➢ Expertise in Tomcat web server configurations, **clustering** with Apache LB. This includes both sticky session and session replication techniques.
➢ Expertise in different versions of Eclipse IDE and IntelliJ IDEA.
➢ Version Management system SVN, GIT, CVS.
➢ Experience with Object Oriented Analysis and Design **(OOAD)**. Knowledge of Unified Modeling Language.
➢ Experience in working with fast paced Agile environment with emphasis on Test Driven Development **(TDD)**. We practice scrum meeting, sprints extensively. Knowledge of JIRA, P.Tracker, Trello tools.
➢ Proficient in programming, having strong problem solving skills and a team player.
➢ Hard worker, fast learner, good interpersonal skills and has good work ethics.
➢ Experience working in **Healthcare, E-Commerce, Financial Services**.
➢ Experience in writing technical **blogs**, have many blogs published already.
➢ Consultant as technology architect in various project.
➢ Built a strong profile for company on a popular business and staffing platform.
➢ **Certified AWS** Technical Professionl

Technical Skills

Java/J2EE Technologies:
Core Java, Collections framework, JDBC, Multi-threading, Socket Programming, Web Sockets, RMI, JAXB, JSP/Servlets, Dozer, Struts2, log4j, slf4j.

Design Patterns:
Good knowledge of design patterns with best practices, like Singleton, Factory, Abstract Factory, Observer, Decorator, MVC, MVVM, Call Back, DAO, DTO, Command, Chain.

Application Framework:
Spring (IOC, Security, Email, ORM, JDBC Abstraction, Scheduling, Data, MVC, Restful), have knowledge of Jboss Seam.

ORM: Hibernate 3.x, hibernate statistics and real time Entity Auditing.

Single Sign On: Ping Identity, designed own customized framework for the same.

Web Programming: HTML, DHTML, Java Script, CSS, Jquery, Dojo, Zkoss 5.x, 6.x and 7.x

Web Server: Tomcat 6.x, 7.x. Experience with Apache load balancing with replicated, sticky session and hybrid approach, Jenkins for CI.

Operating Systems: Knowledge of Windows, Mac and Linux platforms.

Database Environments: MySQL, MS-SQL Server

Tools/IDE/Plugins:
Eclipse, NetBeans, IntelliJ IDEA, Blackberry JDE4.2, TortoiseGIT, TortoiseCVS, TortoiseSVN, SmartSVN.
Build Script: Maven3 with profiling, integration
Testing: JUnit, hands on Selenium and integration testing with Maven, JMeter, TestRail
Cloud: Appistry 3.9 (Cloud Computing) in 2009-2010, hands on experience of Google Cloud Application Server and IBM Bluemix. **AWS** Server less applications in Lambda, redis, Kinesis Stream and Firehose, SQS, SNS, S3, API Gateway, EC2, RDS, Athena, Route53, CloudFront.

Professional Experience

Company Name: Paxcel Technologies Pvt. Ltd. [www.paxcel.net]
Location: E- 96, Industrial Area, Phase – 8, Mohali.
Designation: AVP Technologies/Product Manager
Work Experience: 10.5 Years

#Project: Eclipse (Portfolio Management System)
Client: Orion Advisor   https://www.orionadvisor.com
Role: Technical Lead and Architect
Period: June 2016 – Till Date
Team Size: 20+

Description: Orion is market leader in Portfolio Account Management service. Project Eclipse is responsible for adding automation and intelligence to their existing system which is called Connect. Eclipse is for financial advisors, it helps them to manage their clients and accounts in better way. It helps them to create various templates to manage holdings and sell and purchase of those templates. Syncing data from client firms to Orion servers and vice–versa.
Technologies: AWS Lambda, S3, RDS Aurora, SQS, SNS, EC2, ELB, VPC, CodeCommit, Jenkins, Apache Tomcat, Java8, Spring, Node.js, AngularJS, Redis. My role includes the following:

a) Development execution of various modules with a Team of developers working from different geographical locations. Modules like Auth, RealTime notifications, Analytics, Preference Management, Rebalancer the code of this Project.
b) Creating development plan for each Sprint
c) Feasibility of technical aspects and frameworks to use.
d) Working with team which is well distributed across the globe.
e) Analysis of business requirements, the turn them into code.
f) Interaction with stakeholders from technical and management perspective.
g) Finding solutions for problems like handling 1000s of Databases, trancations, dynamic switching.
h) Setup of CI/CD for various components and designing merge policies. Educated team members on the same for their growth in DevOps dimention.
i) Involved with Architecture team for preparing design and coding guide line documents.
j) Provided the technical support to other teams specially when working with AWS.
k) Went to Omaha, USA, to help setting up production environments and exchanging knowlege we have with them.

#Project Name: MealMatrics (PCC)
Client: Momentum Dietary Solutions (now PCC). Canada/USA [www.pointclickcare.com]
Role: Project Lead
Period: May 2012 – May 2016

Team Size: 5
Technologies: Spring RESTful, Zk7 (MVVM), Hibernate, Ping Identity SSO, Birt reporting, Maven, Jenkins, MySQL..

Description: Meal Metrics was conceived and launched by Momentum Dietary Solutions. Momentum Dietary has a broad range of customers throughout North America. Client range is from single site businesses, to Corporations that have hundreds of facilities and for hospitals. Software can be found in Skilled Nursing, Assisted Living, Independent Living and Acute Care facilities. It helps to keep track on meals of all of the residents at one convenient location.

Role (Project Lead/Senior Java–J2EE Developer): Original application is developed on Flex and GWT. Client was looking for a team of which can understand the existing application quickly and add new features to the GWT application. During initial discussions I suggested to use ZK and spring framework, as it will save development time, and can be customised to almost endless limits. Client assigned us few POCs to develop and they were excited with speed of development, look and feel, and reliability of application. Now I am working as Team lead from Paxcel for MealMatrics's new version. My role includes the following:

a) Requirement gathering through tracker software/Mockups/PDF drafts, design and break them into smaller stories so that developers can work easily.
b) Conversations with clients on implementation approach for new features considering user's ease.
c) Handling a small team of developers by generating and assigning tasks.
d) Designing architecture of modules and development of ERD, DAOs and View layers using **Spring, Hibernate, Zkoss, HTML5**
e) Code review of developers in team and uses of best practises and different tools like FindBugs and PMD.
f) Writing JUnit test cases and test automation using JMeter and Selenium.
g) **Optimization** of processes using batch select, paging, Summary Objects implementation.
h) Data **migration** from classic software that was using MSSQL to MySQL
i) Implementation of web services using Restful Web Services
j) Implementation of **Single Sign On** with Ping Identity and Custom Framework. Hibernate statistics and entity audit management.
k) Setup of **tomcat cluster** in for QA using apache LB, **Jenkins** for auto deployment.
l) Worked on issues like memory leaks, **profiling** using tools like **JConsole** and **VisulaVM**

#Project Name : eStoreXpress
Client: Commerce Science Corp. USA [http://www.commercescience.com**]**
Team Size: 4
Period: June 2010 – March 2012
Technologies: Core Java, MySQL, Spring(IOC, Security), Struts2, Hibernate, Zkoss, JSP/Struts, Tiles, Dojo, Jquery, Dozer.

Description: Commerce Science Corporation is a leading provider of Internet based e-commerce solutions. Since 1999, Commerce Science has been delivering e-commerce solutions to clients in various markets. Core product eStoreXpress is unique e-commerce solution for Associations, Franchise, and distributor market and is deployed as SaaS. Platform provides a dynamic solution to establish **Many to Many** between vendors and resellers (estores). This product is the a specific type of client who wants to open multiple estore with in a very short time, and manage them without much hassles, admin provides control panels to customize estores, vendors, payment options, pricing, look and feel, securities.

Role (Team Lead/Senior Java–J2EE Developer):

a) Travelled onsite (**Atlanta, USA**) for requirement gathering, application architecture and technology finalization.
b) Development of various modules using **Spring, Hibernate, HTML, JQuery, Dojo, Dozer, ZKoss.**

c) JUnit testing of DAOs, Struts actions using **EasyMock**.
c) Client communication and requirement understanding
d) Helped QA in Testing automation using **Selenium**, Continues review of code for best practices using FindBugs like tools.
e) Development of various modules, guided the peer developer, delivery of application builds on or before committed period.
f) JUnit testing of DAOs, Struts actions and helped QA in Testing automation

#Project Name : ION
Client: IRIS Inc. [http://www.iriswireless.com/]
Team Size: 4
Period: Sep 2009 – May 2010
Technologies: Core Java, JDBC, JAXB, JMX–MBean, Appistry (Cloud Computing), MySQL, RESTful WS, Proxool.

Description: IRIS provides solution to various mobile operators for exchanging messages (SMS/MMS). IONMessaging is enhanced version of SMS exchange solution. It's a platform where mobile operators get attached and send messages to the ION system. There messages are received in two modes ESME or SMSC. Received messages are then validated on various parameters, then translated, routed, and finally relayed to destination peers(destination operator). Communication between IONMessaging and peers is done under a special protocol called SMPP. JSMPP is the Java implementation of SMPP protocol, which is a third party. Status of messages sent successfully are stored in DB for reporting and unsuccessful messages are sent to special queue for later retry purpose. Stats of many types are also provided to remote servers for monitoring.

Role (Senior Java Developer): My role was to collect Client's requirement, understand them in terms of their business needs. And then development of required code within given time-lines, proper coding standards and design pattern implementations. Exploring new technologies for better outcomes were also there in my plate. I used to handle client communication and reporting through mails.

a) Requirement gathering from the client convert that into development perspectives.
b) Implementation using **Core Java, Collections and Multithreading**.
c) Developed Restful WS and data exchange using **JAXB** marshalling and un–marshalling
d) Used JDK1.5 **Executors** and Collection API.
e) Implementation using different **design patterns** like DAO, Singleton, Factory, Callback, Decorator etc...
f) Developed a Utility using **Mbean** to monitor current stats of application, also it can be used to refresh different properties of application e.g slf4j log level
g) Unit testing of code using Junit

#Project Name : QUODD
Client: QUODD Financial Information Services, Inc.
Team Size: 3
Period: May 2008 – Aug 2009
Technologies: Core Java, Struts1.2, Blackberry JDE4.2, XML

Description:

QUODD provides the financial services to their customers. Information like live stock quotes, alerts, news, major market induces etc. This information is delivered through an application *Equity⁺*. When a user moves, QUODD moves with them. Just login via your Blackberry phone and your personalized quote screens are instantly available. Using this unique product customer can have full time connectivity with stocks, news updates, market indices, and alerts.
Another "Alerts" I worked on was the server side project, to produce alerts message (Text, Sound, Popup) on URL desktop/mobiles.

Role (Senior Java Developer):
This product is developed in JDE4.2, my responsibility was to understand all the requirements given by client and also observation of financial domain to some extend. I used different design patterns like MVC, singleton, factory. Following are the parts where I work in this product:
a) Development of multithreaded application so that user can see latest stock values, news, and alerts at the same time.
b) Development of screens and UI objects for the Blackberry OS
c) Transmission between data server and blackberry is done in XML format, so I wrote xml parsers.
d) Use of Blackberry persistent storage to store user information.
e) Save alerts in backend Oracle DB, kept them loaded in memory, matching alerts with live streamed data.
f) Generating alert message and propagating them to user terminals.

In Alerts module my role was to save alerts in backend Orcale, kept them loaded in memory, matching alerts with live streamed data. Generating alert message and propagating them to user terminals.

#Project Name : www.fsaok.com
Client: Finpago, Inc.
Technologies: Core Java, XML, JDBC.
Database Server : MySQL 5.0
Period: Aug 2007 – May 2008
Team Size: 5

Description:

FSAok is a unique new consumer service designed to help consumers get the most from your Flexible Saving Accounts. When consumer register, participating stores will look for his/her pharmacy and over-the-counter purchases that may qualify for reimbursement under your employer's plan, and transmit them privately and securely to your FSAok automated claims account. When consumer confirms purchases, claim will be transmitted to respective TPA.

Role :
Development of Java utilities for managing heavy data in files as well as in database. It includes utilities used at Centralized Server. Major tasks were to develop application design, logic, flowcharts, and code development. Some modules were Multithreaded. Unit testing of the code manually and through JUnit was also the part of my job. I used Java Mail API to provide better notification of different events. These utilities were highly dependent on database; I was also a part of team, which equipped the product with MMM (MySql Multi Monitor). I was also involved in communicating with onsite team.

#Product Name : www.spywatchdog.com
Technologies: Java, Spring, Hibernate, Web Sockets, Android Development Kit
Database Server: MySQL
Team Size: 3
Description:
Smartphones with robust features offer many opportunities for innovation. With Spy Watchdog installed on your Android Smartphone or Tablet or Mini TV box, you can view your live camera feed anytime, anywhere. Spy Watchdog app connects any combination of Android Smartphones and Tablets to create a baby monitor system or a surveillance tool with audio as well as video capabilities. One of the devices with this app can be kept at the place that requires surveillance or near the baby. The app uses the device's built in microphone and camera to monitor. Users can Login to this app from one or more devices to see the video and audio alerts feed.

Role (Product Manager/Team Lead):

There are many such applications in market, that can convert a smart phone into a security or baby camera. But all have some problems like few works only in WLAN, slow streaming, bad image quality. SWD was my brain child in order to solve these issues. I gathered all the problems and started working on a common solution. What came out was SWD. From analyzing the existing application, market, user base I designed work flow and architecture of application. Two great developers and one QA helped me to release this product in market. Then we had to stop working on it. I admit it is not the best app for this purpose in market, but this is the most downloaded app of company. My purpose was to provide a pocket friendly and portable security camera to users, and people are using it for sure. Server code is so reliable and robust that we have not restarted the server in last 14 months.

Educational Qualification

M.C.A 2007   79% [with Distinction]
Lala Lajpat Rai Instt. Of Engg. And Tech., Moga [P.T.U]
B.C.A 2004   76%
Lala Lajpat Rai Instt. Of Engg. And Tech., Moga [P.T.U]

Subject of Interest

Product idea generation, technical blogs, Data Communication and Network Programming, Traveling, Adventure sports, Bedminton

Personal Details

Date of Birth:	August 5, 1983	
Marital Status:	Married	
Gender:	Male	
Language Ability:	English, Hindi, Punjabi	
Permanent Address:	#21, Shivalik Vihar, Shivalik City, Sec-127, Mohali, Punjab, India.	
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