Datatech Genius

K.ALAGAPPAN

Contact Info

Experience Summary

Total - **8+** years.

Roles Played

- Developing, Unit Testing and Supporting Asp.net web Application using (C#).
- Done Internal Code Reviews.
- Attending Defect Triage Meeting and providing updates and Status of the Defects.

Onsite Visit:

- Visited **Dubai** for support **WPS Connect**.

Achievements:

- Got **Spot** award and **leadership** awards at **Syntel.**
- Got an Appreciation letter and Cash award from Raqmiyat For supporting **WPS Connect** at various Banks in **Dubai.(CITI**,**UBL**,**Blom**,**RAK**).
- Got Cash award at **Polaris** for supporting Other Team members to fix bug in **Citi Direct BE** application.

Objective:

- To constantly work in a challenging environment on cutting edge technologies and contribute meaningfully towards organizational and personal growth.

Experience Summary:

- **8+ years** of experience in the Software Industry with development, support and implementation of **.Net** web applications.
- Having **4.5 year** of Experience in **BFSI** (Banking, Financial Services and insurance) Domain.
- Having **3 year** of Experience in the Education **Domain.**

Skill Set:

Operating System	Dos, Win 98, 2000, XP, Win 7 & VISTA.
Languages	.NET core (C#) (2.0, 3.5, 4.0, 4.5)
Database	SQL Server (2000 – 2008), MS-Access.
Design Pattern	3-Tire, n-layer, MVC
Web Technologies	.Net core , HTML
Data Access	ADO. Net, ADO
Tools	Ajax, Crystal Report 10.3.2, GIT, Visual Source Safe 6.0, SVN and TFS (Team Foundation Server).

Education:

MCA	Maharaja Arts and Science College, Coimbatore

Project Details:

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1.Securities Finance Agency
Client   : Statestreet.
Project status   : Live.
Role   : Involved in Development,
                    Unit Testing, Code
                    Review and Support.
Team Size   : 5
Environment   : Windows 7, .net core(C#),
                    WCF, Sql Server 2018.
Tools   : GIT, RTC, cloud.

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Project Details:

- Securities finance plays a key role in portfolio risk management strategy.
- It maintains Broker, triparty accounts, securities, collateral etc.
- All data imports can be done in 2 different way either by directly importing from SLE2 or by importing from a excel file.
- It generates various reports like recon report, Euro clear, Bony value etc and sends directly to clients.
- It's a window based application with Entity framework and Dev-express controls.
- It has various modules such as Fixed Income, Cash and Non-Cash etc.

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1.Enterprise Cycle Monitoring
Client   : Statestreet.
Project status   : Live.
Role   : Involved in Development,
                    Unit Testing, Code
                    Review and Support.
Team Size   : 15
Environment   : Windows 7,.net core(C#),
                    WCF, Sql Server 2018.
Tools   : GIT, RTC.

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Project Details:

- ECM is a cycle monitoring tool.
- As part of ECM, I automated few of the process involved in cycle monitoring.
- Automated the cycle monitoring by developing a web application with Dash board and sending automated alert email.
- In dashboard popup the alert with beep sound, if a resources missed to monitor the cycle.
- It also auto fetch the status and update in to database and send email alerts.

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1.Prometric
Client   : Prometric.
Project status   : Live.
Role   : Involved in Development,
                    Unit Testing, Code
                    Review and Support.
Team Size   : 15
Environment   : Windows 7, Asp.net(C#),
                    WCF, Sql Server 2008.
Tools   : SVN, Crystal Reports.

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Project Details:

- This application is a Web based Online Examination application.
- Online certifications Exam are conducted through this application from registration to till issuing certificate, viewing exam history.
- It has various modules such as candidate, Proctor, Author, Sponsor Admin, Internal Admin, Report Queue etc.
- The candidate can also take a practice on Mock test.
- The author can create various tests such as Free, Paid, and sponsored Test.
- Candidate can pay for their test through online itself.

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2. PRD (Payment Rule Database)
Client   : CITI(US).
Project status   : Live.
Role   : Involved in Development,
                    Unit Testing and code
                    Review.
Team Size   : 5
Environment   : Windows 7, Asp.net(C#),
                    Sql Server 2005.
Tools   : TFS, Crystal Reports.
	Project Details:
	
	● Web based application that compiles the most up to data file formats, country payment rules and mapping instructions
	● To provide access to users through entitlements
	● A single source for all file formats, country payment rules and mapping instructions
	● The documentation will be uniform and consistent across all regions
	● Easy to explain to customers and increased client satisfaction
	● Simple to read excel output customized to clients specific needs
	● Maintain Country Rules via URL single portal
	● Current User interface:
	    ○ Online maintenance of country rules (based on maker-checker)
	    ○ Online Checker/Production processing for Country Rules
	    ○ Online Export of Country Rules, Payment Mappings (MIG).

3. OPS (One Place Setup)
Client   : CITI(US).
Project status   : Live.
Role   : Involved in Development,
                    Unit Testing and code
                    Review.
Team Size   : 15
Environment   : Windows 7, Asp.net(C#),
                    Telerik, Sql server 2005.
Tools   : TFS
	Project Details:
	
	● One Place Setup (OPS) Project is to build an application that will facilitate client setups for several other applications through a common interface.
	● Although OPS is expected to facilitate such client and related setups, both new and existing, for several systems in the future,
	● the scope for this phase is limited to setups required for CFS, GXS and Citidirect.
	● The scope is further narrowed by covering only the GXS clients within CitiDirect. At present, client setup requires several scattered resources working with a combination of manual and automated processes.
	● The OPS wizard will reduce the time required for the turnaround process of client implementations by unifying, coordinating, and automating several setup efforts currently in practice.

4. Citi Direct BE File Imports
Client   : CITI(US).
Project status   : Live.
Role   : Involved in Development,
                    Unit Testing and Support.
Team Size   : 3
Environment   : Windows 7, C#, MVC,
                    WCF.
Tools   : TFS
	Project Details:
	
	The BE 1.2 architecture was envisaged to act as the baseline architecture for subsequent Citi country rollout. In particular the following issues were addressed as part of the project:
	
	● A new UI framework with new technology to reduce the pages size to achieve the required performance and improve developer productivity and code reuse.
	● A single database model It was believed that cost and timeline associated with migration of clients onto BE can be reduced by eliminating client data migration. A File Export architecture that can meet performance requirements for all ranges of file sizes.

Citi direct is Citi's main cash management channel platform that allows Citi customers to conduct transaction initiation and product inquiry/reporting across 100 countries and in 21 languages.

There are 5 main use cases supported by the system:
For transaction initiation, it supports 3 channels for users to submit transactions to the system:
- Ad hoc online transaction initiation via web based user interface
- In session file upload via web-based user interface
- Out of session file upload via host to host connectivity
For product inquiry it provides online user interfaces that:
- Allows users to export transactions and statement data in various formats via user interface.

5. ATIS (Agency & Trust Transaction and Information Systems)
Client   : CITI (UK).
Project status   : Live.
Role   : Design, Development and
                Support.
Team Size   : 10
Environment   : Windows 7, Asp.net(C#),
                Sql Server 2005.
Tools   : Visual Source Safe 6.0,
                Crystal Reports.
	<u>Project Details:</u>
	
	● This application supports the various roles played by Citigroup during the lifecycle of the Instrument from Issue to Maturity.
	● The various roles supported by the application are: Lead Manager, Issue and Paying Agent (IPA), Principal Paying Agent (PPA), Calculation Agent, Registrar Agent, Depository Services, Common Safe Keeper (CSK), Common Service Provider (CSP), Cash Manager, Custodian, Vault Management Services & Accounts Bank.

6.WPS Connect
Client   : Banks in Dubai.
Project status   : Live in Banks
Role   : Design, Development and
                Support.
Team Size   : 10
Environment   : Windows 7, Asp.net(C#),
                Sql Server 2005.
Tools   : Visual Source Safe 6.0,
                Crystal Reports.
	<u>Project Details:</u>
	
	● This project is to cater the corporate requirement for salary processing, efficiently and securely to meet the Central Bank requirements.
	● WPS Connect involves in development of Web Services, which serves for Banks and Agents interfacing with the Central bank WPS System,
	● Automatically convert different types of salary information files to the format specified by CBUAE,
	● Process all the acknowledgements (ACK) received from CBUAE,
	● Process Negative Acknowledgements (NAK) received from Central Bank, Receive alerts on communication from Central Bank etc.

7. PMS (Production Monitoring System.) Role : Design and Development Team Size : 01 Environment : Windows 7, vb(6.0), Sql server 2000.	**Project Details:** ● The Project **PMS** is used to improvise the **production level** of an **manufacturing company**, ● By connecting to all machines in the plant using **LAN** network, ● **PMS** will get the status of all the machines which are connected to the **PMS** server, ● **PMS** Provides reports for daily monthly and yearly which will be a user friendly environment and it helps the end-user to improvise his Productivity levels.