# Development Lead/Sr. Software Developer

#### Career Objective:

To obtain a Lead Software developer position where my experience and technical skills will help in managing and mentoring the work of developers and finish projects within deadlines.

#### Summary of Skills:

* Widely experienced in developing software and leading project development with more than **14** years in the industry.
* Experienced in Onsite-Offshore model of software development and delivery
* Functional domain experience involves Financial, Healthcare, Retail, and Telecom
* Strong crisis management skills have been put to use to lead escalated and mission critical projects quite often
* Experience in building Enterprise, Integration, Migration, Conversion projects using **ASP.NET**, **MVC**, **WCF**, **Web API**, **Entity Framework** using **C#** and **VB.NET**.
* Experience in developing Web UI using **Angular** 2.0/4.0, **ReactJS**, **Type Script**, **AG-Grid**, **PrimeNG**, **Bootstrap**, **HTML5**, **CSS**.
* Implemented Applications utilizing **ADO.NET**, **LINQ**, **Web Services**, **MemoryCache**, **SignalR**, **Windows Service**.
* Expertise in Database design (**RDBMS**), programming, implementation and development using **MS SQL Server** 2005/2008/2012, **Oracle** 11g/10g/9i, **MS access**, analytical and conceptual skills in database related work primarily creating complex Stored Procedure, Views, Triggers, Functions, T-SQL, Indexes, Cursors, Performance Tuning, SQL Profiler.
* Utilized open source libraries like **Ninject**, **Auto Mapper**, **Log4Net**, **MoQ**.
* Experience in Designing and developing rich application for Web (**ASPX/Silverlight**) and Windows (**WPF**).
* Very strong Object-Oriented Programming Skills and user Design Patterns such as Factory, Observer, Repository.
* In depth Knowledge in working with attribute routing, data serialization, model binding, user-based authentication and token-based authentication in **WEB API**.
* Proven Expertise in report writing using **SSRS**, **SSIS** and **Crystal Reports**; creating various types of reports like drill down, Parameterized, Cascading, Conditional, Table, Matrix, Chart and Sub Reports.
* Experience in Continuous Integration tools **Jenkins**, **SaltStack**, **Artifactory** and Software Configuration Management using tools like **MSBuild**, **Team Foundation Server**, **Git Hub**, **SVN**, **VSS.**
* Leveraged testing methodologies like Unit, Integration and Load testing using **MS Test** and **N-Unit**.
* Working knowledge in FIX protocol (4.4), FIX messaging and CameronFix Engine.
* Experience in Trade Management systems **Charles River** and **Blackrock Aladdin**.
* Expert in Waterfall and Agile programming methodologies and a firm believer of tailoring the processes to adapt the environment.

#### Technical Skills:

* Languages: C#, VB .Net, T-SQL, VB6, C, C++
* Web technologies: ASP.Net, MVC, Entity Framework, Angular JS, Nodes.js, JavaScript, JQuery, XML, XSLT, Web Services, REST API, Ajax, WCF, SOAP, ASP, JSON, HTML, CSS
* Database: SQL Server, Oracle, Microsoft Access
* Version Control: Git, TFS, Subversion, Visual Source Safe 6.0,
* Tools : SSRS, Crystal Reports, Visio, Confluence, JIRA, Jenkins, QC, SaltStack, Blackrock Aladdin, Cameron FIX

#### Work Experience:

# *UST Global Inc, Aliso Viejo, CA (Jan 2006 to present)*

Designation: Associate Project Manager

Client Profile through UST Global

1. **Athene USA, West Des Moines, IA (UST Global Consultant)**

Project Role: Lead Developer/Sr. Software Engineer Jan 2013 to present

# Working with the senior manager and Architect on Continuous Integration/DevOps Strategies

* Oversee and co-ordinate the development activities with the offshore team
* Participate/co-ordinate all Agile Ceremonies (Sprint Planning, Story grooming, Retrospectives, Daily scrum)
* Review work products by the developers to ensure Coding Standards and Design/Architectural patterns are strictly followed

# Coordinating QA and UAT efforts and ensure necessary deployment process are followed

* Prepare process/functional documentation in Confluence
* Work with the Project Manager and Scrum Master in estimating time required for analysis, design and development, prepare and publish schedules

# Ensure impediments for the team members are resolved/escalated timely

# Identifying and developing reusable modules, templates and NuGet packages to improve the productivity of the team

# Work with the Development team, Business users and release management team to package and ship software to production environments

* Requirement gathering, Analysis, documentation and develop applications following the industry standards
* Development of new features using C#, ASP.NET, MVC, Web API, WCF, Web Services
* Create Stored Procedures, Triggers, User Defined Types, Tables, Views, functions in MS SQL Server
* Write Unit test cases using MS Unit Test framework and Moq framework
* Develop new reports using SSRS reports
* Provide domain training to the new team members

Key Technologies: .NET 4.5, C#, Web API, MVC, ADO.NET, LINQ, IIS, GitHub, MS SQL Server 2012, SSRS, JSON, Jenkins,

# Aviva Investors, Des Moines, IA (UST Global Consultant)

Project Role: Development Lead/ Sr. Developer June 2009 to Dec 2012

Trade Operations Support and maintenance of Charles River. Production support covers the whole trading process which starts from portfolio manager, who puts trade into the system; trade operations do their process and finally send the trade information to the Accounting system. Support includes the scope of developing/supporting custom applications that communicate with Charles River System and approve trades and send trade to other systems for Execution, accounting and updates trade execution status based on the output from trade execution system. This system supports various types of securities like options, futures, forwards and swaps. Processes and Custom applications are developed to communicate with Charles River and accounting system.

* Custom developments related to Charles River
* Monitor/maintain automated jobs
* Requirement gathering for new custom applications for trading system
* Design WCF services for communicating with different systems.
* Participated in gathering requirements.
* Give application demo to end users and collect feedback
* Involved in designing the architecture of the application and database.
* Developed the Business & Data access layers for the application.
* Developed ASP.Net GUI pages to build and execute trades
* Involved in developing report module and reports automation
* Developed T-SQL Stored Procedures, Jobs and functions in SQL Server 2005 / 2008.
* Configured and installed FIX messaging modules for sending the FX trades to third party vendors like TSOX, MarketAxess etc.
* Designing and developing Charles River Plug-in for business users.
* Participated in Code review, unit testing & system testing / integration.
* Involved in fixing bugs in the application.

Key Technologies: ASP.Net with C# (.Net 3.5), Silverlight & XAML (4.0, 3.0), Web service, WCF Service, SQL Server 2008, FIX 4.4, Crystal and SSRS Reports, Agile Development Methodology, Charles River, CameronTec FIX Engine

# Aviva Investors, Des Moines, IA (UST Global Consultant)

Project Role: Sr. Developer May 2008 to May 2009

ALM Risk Project: This is an Assets and Liability Risk management application consists of two main applications ALM Workbench and ALM Dashboard. This project is developed for AVIVA for managing and forecasting their Assets and Liabilities risk. The main objective of the workbench project was to load risk data from different sources and create various insurance related analytical reports and allow the user to export data to different format. Initiative for ALM Dashboard was to load Cash flow and Asset Allocation data from complex excel source and create various custom reports which will be used by Risk Management team to make proper decisions, also users were provided with facility to create web charts and export to excel sheet.

* Requirement gathering, Analysis, Design, documentation and develop applications following the industry standards
* Developed new features using C# .Net, MS SQL Server, Crystal Reports, Visual Basic 6.0
* Co-ordinating the Offshore-onsite team
* Configuration/Version control of the software
* Manage the document/code repository
* Participate in the Software Audit processes
* Work closely with the Quality Assurance team and the business team to co-ordinate QA and UAT testing

Key Technologies: ASP.NET with C# (Framework v3.5), Web Services, Component Art Web Controls, SQL Server 2005, WINDOWS 2003, IIS 6.0, Crystal Reports

1. Advanced Life And Income Claim System

Worked from UST Global offshore center (Trivandrum, India)

Project Role: Senior Software Engineer Jan 2006 to April 2008

The project involved enhancements on the Advanced Life and Income Claim System for Life claims by providing additional features and reports. ALICS Life includes Processing, Auditing and Final Payment of Life Insurance Claims. Configuration control and onsite delivery of modules were also in scope.

Responsibilities:

* Involved in analyzing the existing VB application issues (performance and maintenance)
* Involved in designing the architecture and preparing the detailed design document
* Prepared effort estimates for modules.
* Code merging between onsite and offshore VSS.
* Source code management and QA for code delivery using Visual Source Safe.
* Preparation of test plans and integration test plans
* Involved in developing Audit module for application
* Developed PL-SQL Stored Procedures, Jobs and functions in Oracle.
* Involved in unit testing & system testing / integration.
* Involved in managing other junior team members and coordinated the requirement gathering, development and testing task with Onsite POC
* Involved in fixing bugs in the application.

Key Technologies: Visual Basic 6.0, Oracle 9i, Crystal Reports, Visual Source Safe, Araxis Merge

1. WLang & WCode Suit

Webyfy Infotech Pvt Ltd (Trivandrum, India)

Project Role: Software Engineer Jan 2004 to Jan 2006

WLang suit is a collection of tools. Main usage is to convert ASP pages Multilanguage enabled. Tool uses regular expressions to implement intelligent searching. This is multi user enabled. Its sub products include Rollback, Comment Remover and some other tools. Tool is capable of extracting all displayable words from the entire ASP application, which will help for spell checking and other manual language translations.

WCode is a custom developed automated Asp page generation tool, which generates cent percent error free asp pages. uses inline code expansion and regular expressions. Key features are query generation and user defined component support. Features with user friendly GUI for control creation and query generation. Wizard screens, project related data backup, Database session management code support and Query string encryption codes

Responsibilities:

* Involved in requirement gathering.
* Application and database design.
* Prepare technical design document.
* Involved in unit testing & system testing / integration.
* Coordinate packaging and onsite deployment using install shield.

Key Technologies: Visual Basic 6.0,ASP, .Net, C#, XML, MS Access 2003, SQL Server 2000, Regular Expressions

Education

* Masters in Computer Science, University of Kerala, India
* Bachelor’s Degree in Mathematics, University of Kerala, India

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