### Saravanan Velusamy

## Profile Summary:

* 9 Years of experience in Design and Development of Web applications using Asp.net & SharePoint technologies.
* 2 Years of experience in Client Location, project execution/coordination with offshore team in NewYork, Seattle, WA & Tampa, FL USA.
* Associated and Trained with various domains Insurance, Healthcare.
* Experienced in most aspect of Software development cycle from gathering requirements to Analysis and Design of the Application, Software Development, Quality process, Project delivery and Support using SharePoint 2010/13, C #, ASP.NET, MVC, ADO.NET, XML, JavaScript, Knockout.JS, JQuery, CSS, Web Services, WCF, REST API, SQL Server, TFS, GitHub and IIS on Windows 2012 Servers
* Experience in working SQL Server 2008, IBM Db2, Oracle Development, ability to write and troubleshoot SQL Code and design (Procedure, functions, tables, indexes, constraints).
* Expertise in problem solving, communication and interpersonal skills, logical, coding and testing skills and team management skills.
* Experienced in Agile and Waterfall project methodologies.
* Experience in source code management processes including branching, tagging, merging using Git & TFS.
* Continuous learner with high adaptability to new technology & process and sincere & good team player.
* Working as Full Stack Dot NET Developer in TATA Consultancy Services (TCS) from 25th Sep 2013 to till date.
* Worked as an Programmer Analyst in Cognizant Technology Solutions (CTS), from 13th Feb 2011 to 20th Sep 2013.

**Education:**

* Master of Computer Application from RVS College of Engineering & technology, Dindigul, Tamil Nadu, India, during the year of 2007-2010.

**Technical Skill Expertise:**

|  |  |
| --- | --- |
| **Hardware/Platforms** |  Windows 2000, XP, 7, 10 |
| **Languages/Framework** |  C#, MVC4, SharePoint 2013,  |
| **Web Technologies** | Asp.net Core 3.1 MVC, ASP.Net .NET 4.5, HTML, JavaScript, Webservices, JSON, CSS, AJAX, JQuery , Knockout.JS, Angular.JS, Web API, Rest Service, WCF |
| **Databases** | MS SQL Server 2008,2012, IBM DB2 |
| **Source Control / Build tool** | GitHub, Visual Source Safe, TFS |
| **Development Tool (IDE)** | Visual studio |
| **Office Tools** | MS Outlook, MS Word, MS Excel, MS Power point, Jenkins Build, SoapUI |

## Professional Work Experience:

**NY DMV State Client Mar 20 – Till Now**

Full Stack Dot net Developer

**Project: ID Management**

The project aims at design, UI Flow, development, enhancement and maintenance of the various distribution applications at DMV as ID Management .

Managing activities of ID Vetting , Renew End user membership in Org Unit , Application and Org unit selection , Managing Org units of the user , Provisioning the DAM user application and org unit access ,

Sending emails while access ends, taking care of the logging activities end to end.

**Liberty Mutual Insurance Oct’18 – Till Now**

Onsite/Offshore Project Coordinator and Web Developer

**Project: Q&I Platform Distribution Project**

The project aims at development, enhancement and maintenance of the various distribution applications at Liberty such as

PST – Policy Servicing Tool – Primary underwriting application replacing PL file.

E-sign – The tool is meant to manage the online signature process of Insurance forms by its customers

MMA (Manage my Account) – The tool is meant to ensure customer retention through propagation of online accounts.

CAM Phoenix – Application which is an underwriter facing tool for managing activities.

**Responsibilities:**

* Involved in complete project life cycle right from Requirement Analysis, Design, Coding, Testing and Implementation phases.
* Developing the stories in Scrum lords.
* Using JQuery & Asp.net C# to create web part component to implement the required functionality.
* Writing MVC Web API C# code for other services to be able to access the data base & other 3rd party vendor service.
* Working on value adds.
* Unit Testing & integration testing.
* Interacting with the Quality Assurance team.
* Working on the Rules development.
* Working on EC Dev framework

**Environment**: C#, Asp.net, Web API, JQuery, JavaScript, HTML, CSS, Git Hub

**AAA Insurance Mar’18 – Oct’18**

Onsite/Offshore Project Coordinator and Web Developer

**Project: POC Dev & Maintenance**

The POC online application is used by Branch/Retail Centers, Call Centers and Processing Centers to handle all functions related to AAA Membership administration. POC accesses the Common Customer Database (CCD) to store, retrieve, update and delete Customer and Member details.

POC also provides integrations to other functions like Banking, Travel, Insurance etc. and serves as a single entry portal to all the AAA applications.

**Responsibilities:**

* Involved in complete project life cycle right from Requirement Analysis, Design, Coding, Testing and Implementation phases.
* Developing the stories in POC.
* Using JQuery & Angular.js to create web part component to implement the required functionality.
* Writing MVC Web API C# code for other services to be able to access the data base & other 3rd party vendor service.
* Taking care of the POC incidents & defect fixes.
* Working on value adds.
* Unit Testing & integration testing.
* Interacting with the Quality Assurance team.
* Working on the Rules Extraction.

**Environment**: C#, Asp.net, Web API, JQuery, JavaScript, HTML, CSS, TFS.

**Liberty Mutual Insurance Mar’17 – Jun’17**

Web Developer

**Project: Q&I Maintenance**

The Goal of the Project is to Quote and issue the policy for the customers. Policies like Auto, Home, Condo, and Renters & RV. Providing Road side assistance.

**Responsibilities:**

* Sending weekly status & metrics report to Project leaders and Managers about the status of the project.
* Taking care of the Q&I incidents
* Attending daily status calls and informing the status of the incidents
* Involving the production support , taking care of the p1/p2 incidents
* Working on value adds
* Unit Testing & integration testing
* Interacting with the Quality Assurance team.

**Environment**: C#, Asp.net, JQuery, JavaScript, HTML, CSS, Web Service, TFS

**Liberty Mutual Insurance Dec’14 – Feb’18**

Onsite/Offshore Project Coordinator and Web Developer

**Project: Portal Dev & Maintenance**

The Goal of the Project is to route through all other platform applications to the common SharePoint portal

Applications built on other platforms are integrated into SN3.5 portal (super app), to have all applications in single page and to establish communication between applications when required. These app transitions are achieved through commands to load respective applications with parameters.

Following are the applications integrated into SN3.5,

Customer UI, Billing, Claims, Quote, Policy view, Notifications, Saved Quotes

**Responsibilities:**

* Involved in complete project life cycle right from Requirement Analysis, Design, Coding, Testing and Implementation phases.
* Developing the stories in sn3.5
* Using JQuery & knockout.js to create web part component to implement the required functionality.
* Writing MVC c# code for other services to be able to access the data base & other 3rd party vendor service.
* Sending weekly status & metrics report to Project leaders and Managers about the status of the project.
* Taking care of the portal incidents
* Working on value adds
* Unit Testing & integration testing
* Writing the PowerShell scripts
* Interacting with the Quality Assurance team.

**Environment**: C#, Asp.net, SharePoint, JQuery, knockout JS, JavaScript, HTML, CSS, MVC Rest Service

**Liberty Mutual Insurance**, **Jul’14 – Dec‘14**

Web Developer

**Project: CVO Application Upgrade**

Safeco Exchange has the Microsoft Exchange Server 2003 and it has lost the support from Microsoft this Apr 2014. So hosting team made a request to move all the applications that uses Safeco Exchange. Currently all the Virtual machines are controlled by ESX 3.5 hardware. It supports Windows Server 2003 and 2008.This hardware support is ending by May 2015 .So the hardware is migrated from ESX 3.5 to ESX 5.1.ESX 5.1 will support Windows server 2008(32 bit) and 2012(64 bit). So all applications should be migrated to the latest windows version. Since Visual Studio 2003 is not supported (as it is expired on October 2013), all the applications are to be migrated to Visual Studio 2008.

Responsibilities:

* Implementing screens using ASP .NET and Visual Studio .NET 2008.
* Using C# to create .NET component to implement the document management functionality.
* Writing XML web services for other applications to be able to access the Claims Record’s documents and metadata.
* Using ADO .NET and System.Data.SqlClient namespace extensively for data connectivity.
* Used Agile Methodology for the software application development.
* Sending weekly status report to Project leaders and Managers about the status of the project.
* Assisting team members to develop process improvement tools by reducing manual efforts and has received appreciation from Liberty clients for the same.
* Interacting with the Quality Assurance team.

**Environment:** C#, VB.Net, Asp.net, JQuery, JavaScript, HTML, CSS, Windows service, SQL server 2008, WCF

**Liberty Mutual Insurance,** **Mar’14 – Jun’14**

Web Developer

**Project: IRIS Publishing & Retirement**

The Goal of the Project is to modernize Iris middleware/service layer to allow easy integration with external system(s) that store or retrieve PL policy documents in Iris repository. Upgrade from unsupported Microsoft VB6 to supported Microsoft .NET technologies and programming languages.

**Responsibilities:**

* Migrating the VB Applications to ASP .NET and Visual Studio .NET 2010.
* Using C# to create .NET component to implement the functionality.
* Writing XML WCF for other applications to be able to access the metadata.
* Using ADO .NET and System.Data.SqlClient namespace extensively for data connectivity.
* Sending weekly status report to Project leaders and Managers about the status of the project.
* Interacting with the Quality Assurance team.

**Environment:** C#, Asp.net, JavaScript, HTML, CSS, MVC Rest Service, SQL server 2008, WCF

**Prudential Health care, Sep’13 – Feb‘14**

Web Developer

**Project: PhOnline 2.0**

The Online 2.0 project is a complete overhaul of the current Pruhealth online presence. Notionally it’s a rewrite of the existing desktop optimized pre-sales marketing website and the various ‘zones’ for members, brokers, employers. However, the Online 2.0 project will use best ‘mobile first’ practices; The other key thing to note about the Online 2 project is that the infrastructure and underlying architecture is essentially all new.

Online 1/1.5 was based on Java and Oracle Web logic hosted in Discovery and Apache based in London. Online 2 is a .NET based project which will be hosted in the Strategic Vodafone data Centre (aka Cable & Wireless).

To write new re-usable or integration web services to publish to TIBCO Active Matrix as SOAP services to be called from the Online 2 application server. This will be to do things like get/update vitality, access Paradigm, access Heal 2, get documents generated in notification engine etc.

Responsibilities:

* Performed troubleshooting & resolving production issues
* Training the new team members with the application and business functionalities
* Assisting the team members by providing technical support for overcome the technical issues.
* Implementing screens using ASP .NET MVC4 and Visual Studio .NET 2012.
* Writing XML WCF for other applications to be able to access the metadata.
* Using Entity Framework and System.Data.SqlClient namespace extensively for data connectivity.
* Used Agile Methodology for the software application development.
* Sending weekly status report to Project leaders and Managers about the status of the project.
* Interacting with the Quality Assurance team.

**Environment:** C#, VB.Net, Asp.net, JQuery, JavaScript, HTML, CSS, Windows service, SQL server 2008, webAPI Rest Service,

**Humana Insurance, May ’13 – Sep ‘13**

**Web** Developer

**Project: Humana one**

This system contains the modules which will enable the customers find the concern system which make it easy to get their desire product. This includes the available products like medical, dental, vision care and multiple healthcare products. Across the location based on the Zip code and age and certain criteria

Responsibilities:

* Coordinating with onsite project team
* Performed troubleshooting & resolving production issues
* Implementing screens using ASP .NET MVC4 and Visual Studio .NET 2010.
* Using C# to create .NET component to implement the document management functionality.
* Writing XML WCF for other applications to be able to access the documents and metadata.
* Using Entity Framework and System.Data.SqlClient namespace extensively for data connectivity.
* Issue Fixing and Working on the Stories
* Used Agile Methodology for the software application development.
* Analyse the code and provide fix to the bugs.

**Environment:** C#, VB.Net, Asp.net, JQuery, JavaScript, HTML, CSS, Windows service, SQL server 2008, webAPI Rest Service.

**CTS Healthcare Internal**, **Dec’11 – May ‘13**

Web Developer

**Project: Healthcare Practice Support Office**

This system will have the current business requirements (SO), which is raised by Managers based upon their requirement along with the details like Skill, Grade and roles.

The systems will automatically matches the resources, which were available based on the skill set of categories like PDP, Travel Ready, Released resources and external hires.

This also has the feature to implement the Interview process for external hires like uploading the profiles, scheduling interviews and candidate selection.

This system maintains the Interview panels along with their availability calendar.

Responsibilities:

* Performed code reviews, analysis, estimation, developing base components for GUI.
* Developed many utility tag libraries for common functionalities
* Coordinating with on-site development team
* Performed troubleshooting and resolved production issues
* Doing a peer review of the deliverables, fixing internal QA defects and also documenting the defects.
* Review documents for its technical accuracy and also verify whether the changes are properly incorporated.
* Provide time estimates for the software development.
* Accumulate expertise and provide technical guidance to other team players.
* Mentor junior members of the team.
* Analyse the code and provide fix to the bugs.
* Conduct design and code reviews.
* Involved in Support activities such as resolving the tickets raised by clients in BMC remedy, Packaging, Machine testing during deliveries.

**Environment:** C#, VB.Net, Asp.net, JQuery, JavaScript, HTML, CSS, SQL server 2008.

**CTS Healthcare Internal**,  **Dec’11 – Mar‘12**

Web Developer

**Project: Pulse Visa Nomination**

This system contains the modules which will enable the account managers to nominate the associates who are eligible for the H1B visa. This includes that the associate should have the designation associate and above and the end date of the passport all other validations are automated in this system.

Responsibilities:

* As a developer involved in Implementing screens using ASP .NET and Visual Studio .NET 2010.
* Using C# to create .NET component to implement the document management functionality.
* Using ADO .NET and System.Data.SqlClient namespace extensively for data connectivity..
* Sending weekly status report to Project leaders and Managers about the status of the project.
* Working on Enhancements and Issue Fixing
* Analyse the code and provide fix to the bugs.

**Environment:** C#, VB.Net, Asp.net, JQuery, JavaScript, HTML, CSS, SQL server 2008.

**CTS Healthcare Internal Jun’11 – Nov‘11**

**Web** Developer

**Project: Celebrating Cognizant**

Strategic Fund Adviser (SFA) Recommendation deals with portfolio preparation for cash investors. Project comprises of both presentation and back end processing of complex business logic. It also had some fusion chart designs that are presented to the customer.

Responsibilities:

* Developing User-Interface using customized tag library.
* Creating Business logic and exposing it as a service for controllers.
* Prepare Analysis and Design Document
* Prepare Unit Test Plan
* Understanding user requirements and Impact analysis.
* Grouping the business rules to prepare flow diagrams.
* Check in/Check out activities are carried using clear case tool

**Environment:** C#, Asp.net, SQL server, Crystal Reports.

**Cognizant Internal Training Feb’11 – May‘11**

**Trained in Asp.net, Sqlserver2008, JQuery, Html, CSS, Web API, Rest Service, Source Control.**

**Process Improvement Tools Developed:**

|  |  |  |
| --- | --- | --- |
| **Tasks** | **Manual Efforts** | **Automation Tool Efforts** |
| c# code for automatic Alerts and incident counts Calculation | 15 hours per month  | With the help of this value add we can get reports as the excel sheet with alert counts in the basis of [DocAve Jobs, Incidents counts, Informational alerts, SaaS alerts , Work Request , Other Alert count, Incidents ] which we can use it for the Weekly status report as well the separate Job alert reports. |
| To find the IP address, port number, Protocol and grouped the source and destination server environment based on the server name. | For 100 servers takes 1 hour 16000 servers will leads to 160 hours | Firewall IP Finder Tool :16000 servers take approximately 5 mins. |
| To list out the installed software in the any servers. | For 1 Server approximately took 1 hour. 20 Servers approx. will lead to 20 hours | Application Software List Tool: 20 Servers takes approximately 20 mins. |

## Award & Recognition:

* Received outstanding performer award in Aug’15 for CVO Application Migration project.
* Received “**Best Team**” award on Jan 2015 and Jan 2016, for our team work.
* Got appreciation for the performance tuning of database load process.
* Appreciation for Portal Maintenance project for developing complicated stories with minimal processing time.

**Training Conducted:**

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| --- | --- | --- | --- | --- |
| **Year** | **Title** | **Presented To** | **Location** | **Organized By** |
| 2014 | CVO Applications | Liberty Mutual CVO Migration- New Employees | Chennai | TCS |
| 2016 | MVC Architecture  | Liberty Mutual - New Employees | Chennai | TCS |
| 2016  | SharePoint 2013 with knockout JS | Liberty Mutual - New Employees | Seattle | TCS |
| 2018 | Angular JS |  AAA Insurance | Tampa | TCS |

**Affiliations**

|  |  |
| --- | --- |
| Professional Society / Certification | Member Since / Date Certified |
| Healthcare AHM250 Domain Certified | 17-May-2013 |
| Angular2 Essential Training Certified | 09-Jun-2017 |
| Node JS Essential Training Certified | 28-Feb-2018 |

**Training Attended:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Title** | **Location** | **Organized By** |
| 2011 | Initial Learning Program | Chennai | CTS |
| 2011 | DotNet Training | Chennai | CTS |
| 2012 | MVC2 & MVC3 | Chennai | CTS |
| 2012 | JQuery | Chennai | TCS |
| 2013 | MVC4 Webapi Rest service | Chennai | TCS |
| 2013 | WCF | Bangalore | TCS |
| 2014 | IPMS and IQMS Training | Chennai | TCS |
| 2016 | SharePoint-2013 Training | Chennai | TCS |
| 2017 | Angular JS | Seattle  | TCS |
| 2017 | Node JS | Seattle  | TCS |
| 2017  | Mango DB | Seattle  | TCS |

**Personal Details:**

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| --- | --- |
| Sex | Male |
| Nationality | Indian |
| Designation | IT Analyst  |
| Location | Seattle , WA  |
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