

Savitha Thiyagarajan

Consultant Web Developer

tsavitha@gmail.com

Summary

- 4 plus years of IT experience in the US - Solid experience in C#, ASP.Net MVC 4.x, SQL Server 2008, Entity Framework 5.x. - Have good experience with client side JS frameworks like JQuery, JQuery UI, JQuery Mobile and Bootstrap 3.x. - Sound knowledge of object oriented JavaScript - Very good OOAD skills - Very good knowledge of latest web standards (Html5 and CSS3). - Worked extensively in majors areas of software development lifecycle - Excellent communication skills and a good team player - Member of Toastmasters International

Experience

Web Developer Consultant at Highbrow Technology Inc.

April 2011 - Present (4 years 2 months)

Working as a Software Consultant with 4 plus years of experience in ASP .NET technologies and Front-end Web Development including JavaScript, jQuery and HTML/CSS.

Education

The Johns Hopkins University

Master's degree, Computer Science, 2000 - 2001

Sri Venkateswara College of Engineering, Madras University.

Bachelor of Engineering (B.E.), Computer Science, 1994 - 1998

Interests

entire Javascript stack and front end web technologies, digital photography

Skills & Expertise

ASP.NET

ASP.NET MVC

JavaScript

HTML5

CSS

jQuery

jQuery UI

jQuery Mobile

XML

Silverlight

Bootstrap 3.x
Web Services
SQL Server 2008
Visual Studio 2013
Webstorm 8.x
Infragistics Data Visualization

Languages

English	(Native or bilingual proficiency)
Tamil	(Native or bilingual proficiency)
Hindi	(Limited working proficiency)
Mandarin	(Elementary proficiency)

Courses

Independent Coursework

Front End Web Developer	Udacity Nanodegree
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Projects

Dominion Maps - Quanta Technology, Raleigh, NC

February 2013 to Present

Members:Savitha Thiyagarajan

Dominion Maps is an interactive mapping application developed in Silverlight for the Dominion power company. It helps to visualize the live power loads and status of the substations in real time. The backend for the application was housed in OpenPDC server. Infragistics mapping software components were used to display the shapefiles in the Silverlight dashboard. Voltage, frequency and phasor magnitude of each substation was updated every second. The application was used by the power station technicians in a giant panel of screens (120"). Responsibilities: - Responsible for designing and developing the UI for the application. - Develop Silverlight RIA services which pulled the data from OpenPDC server and pushed to the Silverlight application. - Create the mapping component using Infragistics Data Visualization tools particularly XamMap. Imported the shapefiles into the Silverlight application. Environment: Visual Studio 2012, Silverlight 5, OpenPDC, Infragistics Data Visualization tools and Windows Server 2008 R2

Business Associates and Dealers Portal (BADP) - Independent Health, NYC, NY

January 2012 to Present

Members:Savitha Thiyagarajan

Independence Health is one of the nation's largest health care services companies. Its primary operations include health insurance products for employer groups and Medicare beneficiaries. This project goal was to create a portal for managing business associates and dealers for the management. It facilitates the business to instantly get information from different data sources. Responsibilities: - Primarily worked as a UI

developer. - Designed and developed UI pages in the business associates module. - Created partial pages which were used as a control to be included in different pages. - Created custom action filters for controllers that enable simplified logging. - Created custom layouts for different UI modules using bootstrap. - Conducted performance tuning on different layers of the application using Telerik's JustTrace, SQL Profiler and EF Prof. Environment: ASP.Net MVC 3, SQL Server 2008, Entity Framework 4.5 and Windows Server 2008.

E-Signature - Direct Mortgage Corporation, Midvale, UT

April 2011 to Present

Members:Savitha Thiyagarajan

E-Signature is a DMC process to sign the PDF documents by the loan officer. The PDF documents are converted to image format and sent to the browser for signing. The documents are verified page by page with watermark on it. The documents which are not signed are sent back to the borrower for modification/resubmission. A 50 page document can be easily loaded asynchronously and can be signed page by page.

Responsibilities: - Used PDF Rasterizer.NET component to convert the PDF document into image. - Used C#.NET as the code behind and web services to implement MVC pattern. - Implemented Microsoft AJAX for asynchronous programming to have the partial update feature for document viewing. - Designed the tables and wrote stored procedures. - Performed unit testing and functional testing. - Prepared the software technical specification documents. - Implemented partial output caching to increase performance. - Implemented status tracking of the document. Environment: PDF Rasterizer .NET component, ASP.NET 3.5, C# 3.5, Windows Server 2008.

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[Contact Savitha on LinkedIn](#)