Shawn America

Full Stack Developer

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Professional Summary:

Full stack programming: SQL Server, Service layer (WCF, Web API, SOAP), and UI technologies

(Razor, Bootstrap, Angular.js, Angular, JQUERY, Underscore). Azure Cloud services, Virtual Machines, and Azure database.

Education/Certifications

Portland State University, BS Literature

HIPPA Certified Professional

Intel Web Author Certified

Professional Experience

**US Bank**

**Full Stack Developer May 2019 to October 2019**

Created models, view models, repository methods and interfaces for a family of applications using the MVVM pattern. The repository methods used Dapper to connect to MS SQL stored procedures. Created Razor views and partial views for the application UI. Used Bootstrap 4 to lay out the UI and ensure responsive design for mobile and tablet consumers. Created JQUERYcode in the views to manage form posts, routing, and button, dropdown and textbox states.Wrote and modified SQL scripts to update tables and business logic contained in the stored procedures. Was involved in unit testing application and moving the applications from development environments to production.

**Viewpoint Portland, Oregon March 2018 to May 2019**

**Full Stack Developer**

Built a proof of concept system in Angular 6 and .NET core. Used the Angular CLI to scaffold components, create modules, templates, and Angular services. Used Web Storm to create typescript classes and edit components. Created a high performance CRUD based grid in Kendo UI consuming a C# .NET Core based service. Maintained an Angular.js application, making code changes to SQL tables, stored procedures, Angular controllers, and html templates.

Updated code in MVC 5 and Razor. Updated stored procedures, C# services, and related views.

Examined and changed header information for security, man in the middle exploits, and denial of service attacks. Used Gitflow and pull requests for code reviews and branch merging.

**Neural Networks, Inc. Portland, Oregon Oct 2012 to March 2018**

**Full Stack Developer**

Created a XAMARIN based mobile applications, designing all screens, and event control behavior. Used XAMARIN essential libraries to read smart-phone sensor information and store in the cloud.

Wrote mobile applications in Angular 2 with Angular services. Continuing experience with Azure cloud, creating and managing virtual machines, azure databases, and allocating physical resources to virtual machines. Experience consuming creating and consuming C# based WebAPI 2 services and displaying results, with filters, in an Angular UI grid.

**Software Solutions Unlimited, Inc. Portland, Oregon January 2016 to March 2018**

**Consultant**

The company is in the process of rewriting their entire software stack, and migrating all data services into a private cloud using Azure Data Center. Created all of our multi-tenant cloud services in using Azure and set up virtual machine cluster. Created stored procedures to create and seed SQL database. Wrote rules based engine for shipping crates and other shipping related activities.

Wrote WebAPI 2 services in C#.Updated code written in ASP.NET, and related pages.

**Organic Valley, Westby, Wisconsin October 2015 to January 2016**

**Consultant**

Software developer, architect, and consultant for the company, re-writing the legacy stock equity system. This resulted in a then state of the art Angular.js application which was modular, fast, and developed to the Google standards of Angular at the time. Created Angular.js directives, html templates, and services. Created Web API 2 services on-top of a MSSQL database.

Used .NET 4.5, C#, Microsoft SQL and Angular.js to perform the work.

Wrote unit tests in NUNIT.

**Nike Beaverton, Oregon June 2015 to October 2015**

**Web Services Consultant**

Created WCF services for an Apple smart phone based point of sale app. Tested all WCF service endpoints in NUNIT, creating many unit tests for each method created. Created Powershell scripts and managed builds in Team City. Integrated shipping and GEO information into the WCF service.

**NW Medical Teams Portland, Oregon Apr 2015 to June 2015**

**Sharepoint Consultant**

Consulting with Medical Teams for their on-going SharePoint efforts. Reviewed current SharePoint architecture and made recommendations for structural and architectural improvements. Identified key problem areas in development. Deployed SharePoint 2013 App store and created architecture for a bulk list editing tool. Identified resource constraints in current Hyper-V production cluster and recommended standing up an Integration environment for deployment purposes. Worked on improving company’s multi-tenant Azure cloud, and improving efficiencies and integration with Sharepoint.

**HP Vancouver, Washington Nov 2014 to Apr 2015**

**Software Developer**

Creating an innovative, adaptive application in MVC 5, Razor, and Angular.js. Used Underscore.js library to create an in memory javascript based dictionary object which minimized get/post cycles and kept records in sync with the Angular UI grid. Used WebAPI in conjunction with OLEDB to improve the way printers are built and sourced. Created high performance CRUD based views in Angular grid.

Created database first scaffolded CRUD based Razor views and services for administrative console.

**Boeing/Insitu Inc. Vancouver, Washington Apr 2014 to Nov 2014**

**Systems Architect**

Systems Architect on next generation of logistics software for the Insitu Scan Eagle, Scan Eagle II, and Integrator, a complex high-technology drone airplane system. Worked on claims based security authorisation and authentication. Created a medical module for application using client side sql, Angular controls, and html templates. Created directives and injectable model views for overall reusability and modular design. Software stack: Angular.js, Bootstrap, MVC 5, Razor, and Microsoft SQL/Entities.

**Department of Health and Human Services Salem, Oregon Oct 2013 to May 2014**

**Consultant**

Worked as a SharePoint 2010/2013 consultant, focusing on mobile integration, production work, escalation support, web part creation, and consultation for mobile first initiative for Oregon.gov. Created Sharepoint pages and templates in JQUERY, Javascript, and html. Built MVC4 application using DBContext. Worked on all levels of application design, including DMZ server acquisition. Tools and languages used: JQUERY, JavaScript, Visual Studio Professional 2013, Fiddler, Firebug, and Chrome Web Toolkit. Developed Angular.js framework to support a RESTFUL service architecture.

Training internal staff in C#, Visual Web Parts, and JQUERY.

**Oregon Department of Education Salem, Oregon Aug 2012 to Nov 2013**

**Software Developer**

Developing an Anti-Drug, Anti-Bullying Website to encourage public school kids to kick the habit, or stay clean. Created an ASP.NET 4.0 based content management system in C# with a SQL Compact database. Designed all SQL queries, and templates for the front end.

Created full CMS with Ajax Toolkit back-end. Fed YouTube SSRS feeds directly into site using Google API's. All video content was dynamically embedded so new content from YouTube channel flows into site. Full support for IE7, IE8, IE9, Firefox, Chrome, iPad, iPhone, and Android devices. Client assets were managed in SharePoint 2013 and Cloud drive. No customisations of SharePoint 2013 were performed at this time.

**Omnibility, Inc. Portland, Oregon Apr 2012 to June 2013**

**Software Developer**

Ramping up on Microsoft Dynamics CRM. Creating SSRS Reports for CRM Data Views.

Mostly SSRS and Report Designer. Some Pivot Tables and Macro Development for Excel as customer wants some filtering in Excel. Dashboard creation in CRM. Cutting down traditional SSRS flat data views with Dynamics CRM Dashboard mashups. The idea is to cut down on the total number of reports in favour of Business Intelligence Application ware, in which the user may ask questions about a subject and get more qualified interactive answers. Approach greatly cuts down the number of static reports and information clutter, opting to instead tie entity relationships together in a meaningful way.

**Radisys Corporation Hillsboro, Oregon Jan 2012 to Feb 2012**

**Consultant**

Integrated parts and inventory tracking system with Salesforce and SAP. Utilised the BAPI 2.0 driver stack and managed overseas teams migration work. Worked on process improvements with overseas team and tightening up development process and source control management system.

**WebTrends Portland, Oregon Oct 2011 to Dec 2011**

**Software Developer**

Webtrends migrated their corporate site to current .NET 4.0 technologies. Involved in migration and porting micro applications, many of which are coded in ASP VB.NET 1.1, to a C# based ASP .NET 4.0 framework. Moved many of the old code repositories from VSS to Github.

Migrating applications to new internal cluster. Made recommendations for new CMS system built upon MVC3 and Entity. Worked with Sales Force integration across all web applications where it is used. Built WCF service which acts as a proxy between a third party Entity based service and PHP.

Wrote a custom JSON serialiser/deserialiser which utilises Entity objects.

**Integra Telecom Portland, Oregon Apr 2011 to Aug 2011**

**Software Developer**

Created a business intelligence application leveraging existing infrastructure of WCF services, SSRS, Telerik Reporting tools, and HTML based reports. Worked in all areas of the extraction engine and ETL process. Involved in all aspects of reporting, including the mobile platform CSS/HTML5 styling engine. Worked with a web application development team to create a sophisticated reporting engine.

The engine utilised the Strategy pattern to discover class attributes in real-time. Used Link to Entity and Lambda expressions extensively to query data object layer. Object layer called WCF services built in the entity framework. Reporting engine utilised the PdfViewer engine to output reports in Adobe PDF format. Web application development utilising entity framework, .NET 4.0, SQL Server, ASP.NET WCF Services, TFS, Nant, and Telerik Ajax controls. Created helper classes to wrap WCF Service endpoints. Deployed application to developer and test environments. Modified Nant scripts to deploy to these environments.

**Oregon State Capital Salem, Oregon May 2010 to Nov 2010**

**Consultant**

The Oregon State Capital manages the creation of state law and houses State and House chambers. Created the RIS workflow application for the Revenue and Fiscal departments to manage the revenue impact process; in each legislative session, new measures are created will use this new process to assess their financial impact. Worked with Project Manager, CIO, shareholders, designers, and data architects on all aspects of the project. Technologies and tools used: Sharepoint 2007, WCF services, Word Automation, Active Directory, Ajax Toolkit, .NET 4.0, and Silverlight.

**Endicia Palo Alto, California Jun 2008 to Aug 2009**

**Senior Application Developer**

Designed and developed a system for the French Postal Service La Poste, which permits business owners to print postage for packages, and create customised stamps for consumer use. Created a Soap based services in WCF and C#. System was fully integrated with electronic postage meters, label printers, and scanners. System fully supported French and English for logging, reporting, and end user management. Created API for systems management console, which had an entire suite of tools for commerce based statistics, user management, security, and reporting.