

PRINCIPAL SOFTWARE ENGINEER

Career Overview

- **Senior Software Developer** with over 10 years of experience in object-oriented analysis, design, development and testing.
- **Proactive team player** with roles across the full software development lifecycle – from concept through delivery of cutting edge solutions.
- **Expert in modern development methodologies**, tools and processes to roll out quality applications.
- **Excellent troubleshooting skills** – able to analyze code, pinpoint issues and provide efficient fixes.

Key Skills

NET 4.5, C#, Silverlight 5.0, LINQ, SQL, XML SQL Server, InterSystems Cache, Ensemble

JavaScript, AngularJS, Node JS, Type Script InterSystems DeepSee I & II, ETL

ASP.NET, ADO.NET, SOA, SOAP, REST MEANINGFUL USE I & II, HL7, CCDA

MVC, WCF, MVVM, PRISM, MEF TFS, GIT, AZURE, AWS, IIS

Objective

To obtain a position of a Senior/Lead .NET developer, Web applications developer (Angular JS/ASP.NET/Silverlight/JavaScript), Windows applications developer (WPF, Win Forms) in a progressive challenging environment that encourages professional and personal growth.

Work Experience

02/2011 to Current

Principal Software Engineer Fis - Smyrna, GA

Electronic Health Record & Physician Quality Reporting System

Currently working as a Senior Developer in developing an electronic medical record application using Angular JS, NodeJS, Bootstrap and TypeScript. Managing the requirements and development using AGILE/SCRUM methodology and Visual Studio Team Services with automated deployments to Azure. Working on PQRS electronic submission product and analytics tool, where providers/doctors can monitor their progress and improve their efficiency and revenue as per CMS clinical quality measures.

Actionable Diabetes Analytics

Actionable Diabetes Analytics module enables providers to improve diabetic outcomes by consolidating hundreds of data points into a simple to use dashboard. Based on the standards established by the National Committee for Quality Assurance (NCQA), it provides insights into the state of the diabetic patients. Worked as a Senior Developer to create dashboards and extract data points from the IHS RPMS system using InterSystems Deepsee II and Silverlight. Helped healthcare facilities to successfully achieve NCQA DRP certification with electronic data submission.

Patient Portal (Web App), Meaningful Use stage 2 (MU2/HL7/CCDA), Direct Protocol

Patient portal is an integrated environment for providers and patients to coordinate clinical and logistical services from the patient's home to the clinic or hospital. The patient can see alerts, reminders, medical history and insurance information. Patients have the ability to request appointments, medication refills and medical transportation. The portal breaks down the barriers of communication and creates a high level of accessibility of streamlined communication between patients, clinicians and staff.

Worked as a Team Lead and received an Honor for successfully achieving the MU2 certification. Followed agile development methodology for incremental design and development. Implemented the Direct protocol for secure messaging and transmitting confidential data (CCDA). Utilized ASP.Net MVC 4, Web API, Telerik Kendo controls and Telerik Reporting controls. Managed application beta testing, and production rollout.

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Patient Portal (Mobile Apps)

Worked as a Team Lead to develop web based mobile app (Android, Windows Phone, iOS) using Phonegap, Cordova, jQuery Mobile, Sencha Touch and Ext JS. Implemented PUSH Notifications for the mobile alert system. Managed app deployment on Google Play Store, Windows Store and Apple Store

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VA Medical Appointment Scheduling

Worked as a Team Lead to develop an application for the VA Medical Appointment Scheduling Contest using C#, ASP.Net MVC, JQuery and InterSystems Cache. The goal of this contest was to enable Veterans to receive better outpatient and ambulatory care from the Veterans Health Administration.

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Practice Management Application Suite Â

PMAS is a consolidated practice management application for the Indian Health Service to modernize a 30 years old legacy system. PMAS is based on a Service Oriented Architecture and provides a modular composite application framework. Worked as a Senior Developer on the Patient Registration, Clinical Scheduling and Ward Management (Admit/Discharge/Transfer) modules. Utilized ASP.Net Web API for REST services and Silverlight / PRISM framework (MVVM design pattern) for the GUI. Also contributed to the NHibernate ORM layer.

10/2006 to 02/2011

Senior Software Engineer General Motors - Lockport , NY

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Vista Enterprise Health Resource ++ Â

Worked as a Senior Developer in the infrastructure team for the clinic management solution. Developed common components, database analysis & design, web services, web forms design & implementation. Utilized Microsoft patterns and practices and software factories for ASP.Net web forms and WCF services.

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PharmaKomply Â

PharmaKomply is a Pharmacy Inspection and Workflow monitoring system. Developed the mobile application portion using Asp.Net Mobile forms with a SQL Server backend.

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Mynapin,,ç (C#, Asp.net, WCF, Intersystems Cache, Sql Server 2005)

Mynapin is the Enterprise User Access Management System targeting the Veterans Health Administration (VHA). It completely automates Windows account, Exchange mailbox, Vista account and CPRS configurations.

01/2006 to 10/2006

Software Engineer Mastech Digital, Inc. - Bentonville , AR

As a software engineer, worked on web applications using Microsoft technology stack. Contributed to database design, web service implementation and GUI design.

Education

2006

Bachelor of Science : Computer Science PUCIT University of the Punjab - City , State , Pakistan

CGPA: 3.11

Additional Skills

JQuery, Angular JS 2,HTML5, EXT JS, Gulp, GIT HUB,XAML, GUI design, Ajax, Web API, MVC 3.0, MVC 4.0, OOD, OOP, Application Development, Business Intelligence, DBMS, SQL Server ,Oracle, ETL, Microsoft Access, C#, VB.NET, Mumps, Object Script, Telerik, Kent UI, Infragistics, Syncfusion, IIS, DNS, Direct Protocol, Exchange, Programming, SCRUM, Agile, Lead Development, Project Management, Quality Assurance, Reporting, UML, Vista, Visual Studio, Visual Studio Code, Eclipse, Cordova, Phonegap.