# **Saikiran Puppala** [**sai.puppala1989@gmail.com**](mailto:sai.puppala1989@gmail.com) **+1 (612) 666 – 0788**

**Professional Summary:**

* Over 8+ years of Experience in developing windows, web applications using **C#.Net**, **ADO** and **ASP.NET**. Also involved in various phases of software development life cycles (**SDLC**) like requirement gathering, analysis, design, implementation testing and deployment.
* Knowledge of Object Oriented Programming Concepts, in applying Object Oriented Analysis and Design (**OOAD**), **UML** and design patterns like Singleton Factory and **MVC**.
* Programming experience in Microsoft Technologies like **.NET** (**3.5, 4.0,4.5**) Framework, Visual Studio […] 2010, 2008, 2005), **C#**, **ASP.NET**, **VB.NET**, **Web Services**, **WCF Services, Microservices**, **MVC**, **WEB API**, **RESTful Services**, **ADO.NET**, **LINQ** to Entities and **AJAX**.
* Experience with **Multithreading**, **Memory management** and **Caching mechanisms**
* Designing **UI** and build enterprise level applications using **MVC**, **C#**, **Kendo UI Controls, WEB API, Microsoft SQL server 2012**, Microsoft Enterprise library.
* Experience in **UI/UX** development with JavaScript**, jQuery, AJAX, JSON, CSS, Angular.JS, HTML, HTML5 and DHTML (CSS)**
* Good knowledge on making the RESTful web services using **NODEJS.**
* Solid working experience on **AngularJS, ReactJS**.
* Hands on Experience with both **Waterfall** and **Agile Scrum methodology**.
* Experience in Backend technologies like **SQL, PL/SQL**, **Database Triggers, SQL Stored Procedures**, database-interfacing elements like **SQL command, Data reader, Data set and Data Adapter.**
* Used SQL Server Management Studio to create Stored Procedures, **SQL Functions and T-SQL statements**.
* Experience developing with **WPF, Silverlight (4.0/3.0), XAML and MVVM**.
* Extensively used Configuration Management tools like **Visual Source Safe (VSS), Subversion (SVN) and GIT Hub** for source control.
* Used **Confluence and JIRA (Atlassian tools)** for maintaining defects and documentation.
* Experience in hosting and configuring the applications using cloud services like **Microsoft Azure and Amazon Web Services (AWS)**.
* Extensively developed data transport among client and service host using binding techniques like **HTTP, FTP, SMTP and TCP** protocols and used **HTTP GET** and POST methods to transfer the data among multiple web pages.
* Translated complicated enterprise specific business rules and procedures into appropriate business logic components such as code libraries, stored procedures and security models.
* Ability to implement directives, source controllers and other services using **Web services, WCF and Web API**.
* Very good knowledge in connecting .net framework with **SQL** using entity framework, **LINQ to SQL, LINQ to XML** technologies.
* Hands on experience on developing **3-tier and N-tier** architecture based on functional requirements and business logic that is provided.
* Followed **MVVM** design pattern and Test Driven Design (**TDD**) using the **N-unit and Moq.**
* Extensive expertise in generating reports using tools like **Crystal Reports, SQL Server Reporting Services (SSRS) and SQL Server Integration Services (SSIS)**.
* Experience with Object Relational Modelling(**ORM**) using Entity Framework
* Extensively used **SSIS** Import/Export Wizard, for performing the **ETL** operations.
* Excellent communication skills bridging Client Interaction and Team Management.

**Technical Skills**

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| Languages | C, C#, .NET 3.5/4.0, .Net core1.0, VB.NET, XAML, JavaScript, jQuery, AngularJS, Bootstrap, Web Services, WCF, WPF, Remoting, Win Forms, Web Forms, SQL, T-SQL |
| .NET Technologies | Asp.net (5.0/4.0/3.5/2.0/1.1), MVC, MVVM, Entity Framework, Identity, Web Forms, Web Controls, Custom Controls, User Controls, Web Services, Ajax, ADO.net, WCF |
| Development Tools | Microsoft Visual Studio 2005, 2010, 2013, Eclipse |
| Designing Tools | Visio, Dream Weaver, Flash 5.0, Adobe Photoshop CS5, Flex builder 4 |
| Databases | Microsoft SQL Server 2008/2013/2014, R2, Oracle 10g. |
| Packages | MS Office 2007, 2010, 2016. |
| Operating Systems | Windows XP, Vista, 7, Linux (Ubuntu)/UNIX. |

**RX Crossroads, Louisville, KY Feb 2017 - Till Date**

**Role: Full Stack Developer**

**Responsibilities:**

* Responsible for gathering the new requirements, change requests and analyze the requirements given by the clients.
* Extensively involved in development of the applications using **C#**, **Asp.net**, **WCF**, **Web Services**, **WPF**, **JavaScript**, **jQuery**, HTML, **CSS** and involved in code reviews as well as bug fixing and documentation.
* Designed and created models, components, modules, and services to apply client-side logic and dependency injection using **Angular 2**.
* Implemented form Validations using Data Annotations in the Model.
* Used **JavaScript** and **kendo validator** to perform validations and catch the events on client's browser.
* Extensively used **jQuery** to make asynchronous **GET and POST** calls to the Controller.
* Business and Data access layers are developed using **C# .Net and Entity Framework**.
* Developed and used **WCF** Services and **Web API** to make calls to DB.
* Extensively used **OData** Client to work with the **REST** Services.
* Configured **Azure** cloud service for endpoint deployment.
* Deployed **WCF** services in Azure cloud.
* Involved in creating Use case and Sequence diagrams for the given modules using Visio.
* Effectively used **ASP.NET MVC** in the application as it makes Test Driven Development (**TDD**) easy.
* Implemented **MVC** architecture using Razor engine as **UI** integrated with the Database using **ADO**.Net Entity Framework, **SAP** services and **Web API**.
* Developed the Graphical User Interface (UI) using **ASP.NET** Web Forms, Telerik controls.
* Used **SQL** Server as **DB** and Implemented Stored Procedures and Functions to access the data.
* Implemented triggers while performing Update and Delete operations on the tables.
* Utilized **LINQ** extensively for data querying, storage and manipulations in Data Access Layer.
* Involved in the Unit test, Integration testing and running the test case to proper functioning and for code coverage.
* Performed unit testing for all the modules by mocking different layers of the application using **Mock** (Moq) objects.
* Prepared **UML** diagrams, Code Review and Unit test documentation.

**Environment**: C#, ASP.net, MVC 4/5, ADO.net, SQL Server 2016/2014, Entity Framework, HTML5, Bootstrap, CSS, jQuery, JavaScript, Angular 2, WCF Service, Web API, Telerik Kendo UI controls, Visual Studio 2017/2015, AJAX, SSRS, N-unit, UML and Microsoft Enterprise Library, VSTS/GIT, SharePoint

**CITIZENS BANK, PROVIDENCE, RI Jan 2016 to Feb 2017  
 Role: Stack Developer**

**Responsibilities:**

* Followed the standard for **Software Development Life** Cycle Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Participated in periodic technical reviews of various modules and developed schema to improve them.
* Actively participated in **Scrum** **meetings** of the project implemented in **agile** **methodology**.
* Developed and supported the application using **ASP.NET** **MVC 4.0** with **Razor** syntax, **C#.NET**, **AJAX**, **jQuery**, **JSON**, **HTML**, **JavaScript**, **Bootstrap** and **CSS**.
* Worked on enhancing and maintaining the applications as per the business need needed.
* Independently worked on developing document handler using the **HTML5**.
* Used Microsoft **Entity Framework** Code First approach for the Data Access Layer for **ASP.NET**, **MVC4** application.
* Authorization and authentication standards and protocols experience.
* Used IIS logs to identify the issues on the web server and monitored application errors through event viewer.
* Involved in enhancing the application for client’s requirement based on demand using the **MVC** pattern, **J Query, Bootstrap**, and **Web API** and SPA Application using **Angular JS**.
* Involved in creating web pages using **Angular JS**, **JavaScript**, **jQuery**, **HTML** 5.0 and **CSS**.
* Created the Editor and Display templates for **MVC** controls.
* Consumed **Azure** web services and managed deployment through **cloud** platform.
* Used Master Pages, shared layouts, **CSS** & Themes for the consistent look of the application.
* Created View models to encapsulate all models and classes used on the different views for a more organized, structured, and clean code.
* Improved user experience using **jQuery**. Used **jQuery** event handling mechanism to dynamically assign events on web controls.
* Involved in prioritizing the issues and identifying the root cause analysis and bug fixes.
* Designed, Developed and tested packages to extract, transform and load data using SQL Server Integration Services (**SSIS**).
* Developed advanced **ETL** import packages using **SSIS**, **T-SQL** to transform and import raw index data into database tables.
* Processed data from flat files excel files, .csv files into proprietary hierarchical data structure system through **SSIS** packages and custom procedures.
* Provided efficient error handling to the **SSIS packages**.
* Designed and developed **MS SQL** Server Reporting Services (**SSRS**) under **SQL Server 2014**.
* Experience with SQL Server Reporting Services (**SSRS**) to author, manage, and deliver both paper-based and interactive Web-based reports.
* Involved in migration of **SSRS** from **SQL 2008** to **SQL 2014**.
* Involved in writing **SQL Statements**, Views and Stored Procedures, Indexes to validate data and ensure system integrity and security Written **LINQ** functions for data access.
* Developed **test-driven development** (TDD) strategy guiding use of the **N-unit** testing framework.
* Used Team Foundation Server (**TFS**) for continuous integration and version control.
* Used **Fiddler** to **debug** web **request** and **responses** to solve user issues on the client side.
* Reviewed code to ensure that all the Processes and Standards are being ensured that correct implementation of requirements, coding standard, project architecture, efficient code writing techniques.

**Environment**: C#, ASP.NET, TDD, .Net Framework 4.5/4.0, SQL 2014, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), Visual Studio2015, AZURE, Telerik Rad Controls, MVC, SOAP Web services, XML, OOP, WCF, REST, HTML 5, Web API, N-Tier Architecture, Agile, SCRUM

**Vanguard, Malvern, PA Feb 2015 to Dec 2015**  
**ROLE: .NET DEVELOPER**

**Responsibilities:**

* Involved in Analysis, Design and Development phases of the application.
* Used **MVC4.0** design pattern in the design and development, with Razor Syntax in Views.
* Used **Telerik** Controls (**Kendo UI**) for front end development.
* Implemented Cascading Style Sheets (**CSS**), **Layouts** and **HTML** for maintaining uniformity among all Web Pages in **GUI**.
* Used partial views in the application for reusability
* Applied Action filters at various levels like Method level, Controller level to perform pre/post processing before any action methods execution takes place
* Involved in creating security features such as Authentication, Authorization, Creating Users, Managing Roles
* Implemented Various Web **API** as middle tier.
* Used JavaScript, Data Annotations and **AJAX** for implementing client side validations and scripting in the Web Pages.
* Used Entity Frame work and **LINQ** for retrieval of data from the **SQL** Server Database using Database First and Code First approaches.
* Developed stored procedures, Functions and Triggers in the **SQL** Server database (2008) for implementing backend business logic.
* Involved in different types of testing (Unit testing, Application testing).
* Developed reports using **SSRS** in the project to indicate the usage of the Medicine and also to forecast the Inventory and appointments scheduled.
* Implemented Web services successfully to communicate with another portal which does the Benefit Verification for the patients

**Environments:** C# .NET, Entity Framework, ASP.NET MVC 4, HTML 5, CSS, XML, Visual Studio 2010, GIT, SQL SERVER 2008, IIS, JQUERY, SSRS, Office 2007 and Agile Methodology

**Tech Mahindra, Mumbai –India May-2011 to Jun 2014**

**Role: SQL Developer**

**Responsibilities:**

* The company wanted to create a data warehouse to store all the survey data to use it for long term market research purpose and also to bring all data at one place from different sources.
* Involved in Requirement Gathering and Business Analysis for creating a **data warehouse**.
* Developed data Mappings between source systems and warehouse components using Mapping Designer.
* Worked extensively on different types of transformations like source qualifier, expression, filter, aggregator, rank, update strategy, lookup, stored procedure, sequence generator, joiner, XML.
* Wrote **PL/SQL Packages** and Stored procedures to implement business rules and validations.
* Monitored Workflows and Sessions using Workflow Monitor.

**Environment**: Oracle 9i, Windows 2000, SQL Developer 1.1, Oracle forms 9i, Erwin Data Modeler, Informatica Power Center Tool.

**HSBC, Hyderabad, India Jun 2010 - April 2011   
Role: Jr. SQL Developer**

**Responsibilities:**

* Creating stored **procedure/functions** which in-turn is used by front end applications.
* Managed the on-site backup and recovery process.
* Provided front-line database support supporting client facing applications.
* Worked as part of a project team to coordinate database development and determine project scope and limitations.
* Assisted with application upgrades, migrating objects from development to test and test to production representing changes as necessary in Change Management.
* Developed and implemented standards for data object naming and database design.
* Participated in Disaster Recovery planning and testing.
* Creating staging database.

**Environment:** Oracle 10g, SQL Plus, Windows XP, UNIX, Oracle SQL Developer, Oracle, Informatic Power Center