

**RAHUL VUDUGU**

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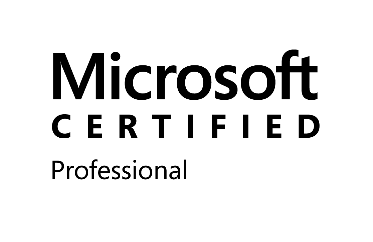
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**PROFESSIONAL SUMMARY**

Over **7** years of IT experience in the field of **Client /Server**, **Web Applications and Windows applications** using **Microsoft** Technologies and **.NET framework.**

* Strong in the complete Software Development Life Cycle (**SDLC**) including **requirements definition, design,** **programming / testing and implementation** of major systems.
* Highly proficient in designing and developing application systems in local and distributed environment using various **Object-Oriented Methodologies.**
* Responsible for designing User Interface screens using **Master Pages**, **jQuery**, **Themes**, **HTML**, **CSS**, **Java Script,** and **AJAX** Tools.
* Created **TypeScript** reusable components and services to consume REST API's using Component based architecture provided by **Angular 2.**
* Experience in dealing with Windows **Azure** **IaaS** - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, Traffic Manager, VPN, Load Balancing, Application Gateways, Auto-Scaling. Experience in the design, deployment, and support of large and complex systems with zero downtime.
* Strong understanding and exposure to **DevOps** tools for Source Control, Build Management and Configuration Management.
* Experience in using Language-Integrated Query (**LINQ**) and retrieve data from sources (**LINQ** to Objects, **LINQ** to **SQL**).
* Good Hands on experience using **Web Services** and **WCF Services**.
* Experience in Automation dealing with **Azure** and other Operational tasks.
* Work experience in **Azure** **App & Cloud Services,** **PaaS**, **Azure** **Data Factory**, **Azure** SQL Data Warehouse, Power BI, **Azure** **Blob** **Storage**, **Web API,** **VM creation**, **ARM** Templates, **PowerShell** scripts.
* Created and managed micro services to gradually replace core monolithic application for integrating micro services into an existing system architecture.
* Developed database applications using and **C#** with **SQL Server** and Microsoft Access as the databases using **ADO.NET Components.**
* Experienced in implementing applications using **SOA, MVC.**
* Interacted with Architect & implemented **Azure** based systems as a part of POC in the pitching process. **Created version compatible COM components to implement Business logic.**
* Experience in Functional, System, Integration, Black box, Stress, GUI, Regression, End-to-end, and **User Acceptance Testing (UAT)** for Mortgage, board, Healthcare and Finance application.
* Expertise in Web Services and other technologies like **SOAP**, **XPATH, XHTML, XSL** and **XSLT**.
* Experience with **Source Code Management, Code Documentation**, Application Documentation, and User Guide and User Training Manuals preparation process.
* Experience with **SQL Server 2008/2012/2014**
* Proficient in **T**-**SQL** Queries, Views, Joins, Functions, SQL Stored Procedures, Database Triggers and Cursors.
* Experience with **Jenkins** (Continuous Integration and Continuous Deployment)
* Experienced in Configuration Management, setting up company Version policies, build schedule using Team Foundation Server (**TFS**)
* Extensively used the repositories like **GitHub** and **TFS**.

**Technical Skills**



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| --- | --- |
| **Operating systems** | Windows, Linux, Mac |
| **Languages** | C#,C,C++, Java Script, Angular JS |
| **Web technologies** | ASP.NET2.0/3.5/4.0/4.5, JavaScript, HTML, Bootstrap, DHTML,hibernate AJAX, XML, XSL, WML, CSS, Web Services, SOAP, REST WPF, WCF, WWF. |
| **Web Servers** | Microsoft IIS 5.1/6.0/7.0 |
| **Version control** | Visual SourceSafe, Git, Team, Foundation server, NUnit |
| **RDBMS** | MS-SQL Server 2008/2012, BizTalk, T-SQL, Oracle9i/10g , MS Access |
| **IDE** | Visual Studio 2015/2013/2010/and Visual Studio.NET |
| **Concepts** | OOPS, Software Engineering, Patterns and practices, MVC Architecture |
| **Azure Cloud Environment** | ARM, VMs, DSC, CDN, and Azure Storage blobs, Azure Active Directory, Azure App Services (Fabric, Mobile and Logic). |
| **Dev Ops Tools** | Jenkins, GitHub, Chef, Puppet, Team City |

**Education**

**Bachelors of Computer Science Engineering.**

**Achievements**

**Certified Microsoft Azure Solutions Developer.**

**Professional Experience**

**Client: CVS Health Bloomington, MN**

**Role: Full Stack Developer**

**Project: Novologix Application**

**Duration: July 2016 - Present**

Developed a Web based Authorization system for Flexible, rules-based decision engine for Easily monitor and track all authorization activity and Improve process efficiency for faster turn-around-times which help the clients in managing and Accessing real-time patient eligibility data which is integrated with Claim system.

**Responsibilities:**

Participated in **requirements** gathering and compiled them into design document.

* Followed agile methodologies (Scrum) and Test-Driven Development.
* Created use case and class diagrams in **MS Visio** using **UML** notations.
* Implemented **MVC** architecture in the Admin Application which is used to create Protocol for drug used in the Authorization process.
* Used **MXGRAPH** to display and edit the drug protocols.
* Involved in Discussion Board for Client Interaction for the change requests and follow ups.
* Used **ADO.NET** Entity Framework to create Models and separate the Business Logins with Data Access Layer, and Used **LINQ** to **Query** **Objects**.
* Configure **Azure** cloud service for end point deployment.
* Used **Azure** Monitoring service (Activity Logs, Metrics, and Diagnostics Data) for audit.
* Worked on uploading documents to **Azure** **blob** **storage**, downloading and deleting, updating the document names using two different approaches of **Web** **API** and **MVC** controller methods.
* Provided high availability for **IaaS** and **PaaS** role instances for access from other services in the **C#.Net** with **Azure** Internal Load Balancer.
* Used **JQuery** and **AJAX** to do Asynchronous calls to server and **Bootstrap** for Responsive Design
* Creating custom, general use modules and components which extend the elements and modules of core **AngularJS 2**.
* Implemented **AngularJS 2** controllers to handle front end events, used AngularJS directives to create custom validation and partial pages and created **AngularJS** services to consume **Web API.**
* Implemented Two-Way Data-binding in **AngularJS** **2** to handle the automatic synchronization of data between the model and view components for application.
* Created and used **User Controls and Custom Controls.**
* Used **JavaScript** to perform the client side validations and to generate dynamic actions.
* Developed the Web Services and invoked them by using **XML**, **SOAP** and **WSDL** tool for creating **proxy classes**.
* Worked with **SOAPUI** to test the **Web Services**.
* Coordinated and controlled testing projects at every step of the quality cycle from UAT test planning through execution to defect management.
* Plan, organize, estimate, document, preparing test plans, test cases and execute test cases for UAT **(User Acceptance Testing)** of the Application.
* Worked on **XML Serialization** to access the properties of an object and modify its values.
* Tested the application as per the test cases and business logic using unit test and fixed the bugs.
* Administer database security including adding/removing users, auditing, and troubleshooting security related issues, provide internal management services
* Worked with **Team Foundation Source Control (TFS)** which stores all code, as well as a record of all changes and current check-outs for versioning.
* Created Joins, Views, functions, stored procedures and triggers as part of the database programming.
* Involved in performance tuning and query optimization.
* Used forms based Authentication and role based Authorization for security.
* Maintenance/Enhancement of Project and handling/fixing bug on daily basis reported by Help Desk.

**Environment:** .Net Framework 4.0, Visual Studio 2013, ASP.NET 3.5, HTML, CSS, JavaScript, Bootstrap, Web Services WCF, XML, XSD, XSLT, SQL SERVER 2008 R2, SSIS, SSRS, TFS, Telerik Rad, controls, MVC, MX Graph, AZURE, UML, MS Visio.

**Wells Fargo, Raleigh, NC**

**.Net Developer**

**Project: STRADA (Strategic Data Access)**

**Duration: April 2014 to Jun 2016**

STRADA is middleware services providing home lending servicing data for consuming applications from multiple lines of businesses. STRADA services portfolio consists of different services containing number of operations. Different client applications access STRADA web services for mortgage data.

**Responsibilities:**

* Proactively Involved in Full Life Cycle Development (**SDLC**), provided value added services with development teams and clients throughout the life span of a project.
* Involved in designing and coding of Presentation Layer, Business Logic Layer and Data Access Layer
* Implemented user level security, extracted technical specifications from the database server using ADO.net and SQL Server stored procedures.
* Experience in using Language-Integrated Query (**LINQ** to **Objects**, **LINQ** to **XML**, and **LINQ** to **SQL**) and retrieve data from different data sources.
* Worked extensively on **T-SQL** quires and Joins and worked on Performance tuning the Database.
* Developed required **Stored** **Procedures**, **Triggers** & User Defined Functions.
* Created **WCF** service that performs a search on various entities as well as consumed the web services in the application.
* Developed the Services layer of the application using .NET Framework **WCF**, **REST** and **SOAP** protocols.
* Developed **Web API** with verbs Get, PUT, POST and Delete and testing using Postman.
* Designed the css, html pages using Html Helpers, Partial Views**, JQuery, CSS** and **JavaScript.**
* Developed Test-Driven development **(TDD)** strategy guiding use of the N unit testing framework.
* Experience in working with Team Foundation Server (**TFS**).
* Played a crucial role to solve various functional and technical **PROD** issues quickly within the given timeline.
* Exposed to Agile-Scrum application development methodology.

**Environment**: C#.NET, Microsoft Visual Studio 2012, Microsoft Visual Studio 2012, ASP.net, Entity framework 4, XML, XSL, HTML 5, JavaScript, JQuery, AJAX, Team Foundation Server (TFS), Soap, Restful Web services.

**Kinder Morgan, Houston, TX**

**Project: Business intelligence**

**Role: .Net Web Developer**

**Duration: Mar 2012– April 2014**

The Business intelligence application called single family selling system is unique mortgage finance system that makes homeownership a reality for more of America’s families. This web application helps the business users.

* Involved in complete software development life cycle - Requirements gathering, Conceptual Design, Analysis, and Detail design, Development and System Testing.
* Used agile methodology and SCRUM for the development.
* Designed interactive web pages with front–end screens using **ASP.Net, C#, HTML** and **Flash**.
* Used **AJAX** for developing web forms.
* **BI** App uses the data from the **DATAWARE HOUSE** which consists of 65 years of information.
* Used CSS for adding fonts, colors and styles to the web document.
* Involved in the development of .Net Web Services to implement business logic like validations and error handling.
* Created Stored Procedures and triggers to perform automated rules, updating to related tables using **SQL Server 2008**.
* Developed Crystal Reports to address diverse levels of the organizational requirements ranging from Individual employees to a complete line of operations.
* Developed core functionality with the **.NET Framework (C#, ADO.NET).**
* Worked extensively with Web Forms, Server (Web/HTML) and Data Binding controls
* Developed Business components and web services for online transactions.
* Implemented validation using validation controls and **JavaScript**.
* Handled Configuration (Session, authentication and authorization, custom errors, tracing and so on) or the online transactions by the customer and creating user login and privileges.
* The highlight of this project is the use of Microsoft Web Components to generate reports.

**Environment: C**#, .Net 3.5, Visual Studio 2010, ASP.NET 3.5,ADO.NET,HTML, CSS, JavaScript, XML, Web Services, WCF, SQL SERVER 2008, UML, MS Visio.

**Client: CNSI Chennai, INDIA**

**Project: Clinical Reporting**

**Role: .Net Developer**

**Duration: Nov 2010 – Feb 2012**

This Project was intended to serve as a complete solution for Hospital Information system. It was designed by a team that consisted of both technical and medical professionals who provided total insight of hospital administration and clinical reporting procedures. The product catered to the administrative, billing and insurance needs of the hospital system.

**Responsibilities:**

* Participated in the design gathering, requirement, analysis and testing stages of the project.
* Worked on agile environment to deliver higher-quality software and got involved in the iterative process of development.
* Used existing system's Master Pages for creating the pages with a consistent layout in the application.
* Used Visual Studio 2010 to design the web pages, develop and debug the web application.
* Involved in designing User Interface with CSS 3, HTML, JavaScript and JQuery.
* Modified Web Services to interact with the other applications and exposed them using SOAP and HTTP.
* Developing Business logic layer by implementing Object Oriented Programming languages (OOPS) concepts, abstraction, encapsulation, inheritance, polymorphism in C#.
* Used AJAX to trade data with a Web Server without reloading the page.
* Used SOAP to implement Web Services and Consumed and published XML Web Services in the application.
* Developed extensive Stored Procedures and Triggers on Sql Server.
* Involved in Bug life cycle and Production support with the testing team to fix the bugs.
* Involved in testing with NUnit and functional testing, debugging, security, and documentation efforts.
* Involved in monitoring the team members and also in preparing documentation.

**Environment**: Visual Studio 2010/2012, SQL Server 2008/2012, C# 4.0, ASP.NET, MVC3.0, Entity Framework, HTML, CSS3, JavaScript, JQuery, XML, SOAP UI, Agile Methodology, IIS , TFS.