**Santhosh**

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**PROFESSIONAL SUMMARY:**

* **7+ years** of professional IT Experience in **analysis, design, development, testing and implementation of Client/Server and Web-based** N-tier architecture systems using Microsoft Technologies.
* Extensive experience in building web applications using **Microsoft.NET Technologies (ASP.NET, MVC, C#, ADO.NET, Entity Framework, jQuery, MS Visual Studio, LINQ, Web Services, Web Forms and MS SQL Server Database).**
* Experienced in **Object Oriented Programming and Design Patterns**.
* Over 5 yrs. of experience in developing UI layer using **HTML, CSS, AJAX, Angular, and jQuery UI libraries.**
* Experience in developing **User Interface (UI), Business Logic and Data** Access components to meet user requirements.
* Experienced using TypeScript to program **Angular 4** and develop web applications.
* Experience in using **ASP.NET client and server-side session** management techniques.
* Experience with **XML, JSON, SOAP, REST, WSDL, Web Services, Validation Controls,** Authentications like windows authentication, forms authentication.
* Used **Entity Framework database** first approach to create models and entities to perform CRUD operations in the database.
* Experience in securing web applications **using ASP.NET authentication and authorization** mechanisms.
* Used **LINQ and lambda** expressions to manipulate XML and data in the objects.
* Experience with **N-Unit** to executes test cases.
* Experience in handling various backend data sources **like MS SQL Server, and XML Data source**.
* Expertise in writing **Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers**, and User Defined Functions.
* Developed and hosted **SOAP Services** Using **WCF** on Multiple Hosts.
* Developed and consumed **RESTful** Services using **WEB API**
* Strong experience in developing **Constrains, Indexes, Views, Stored Procedures, Cursors, User Defined Functions,** and **Triggers** for the implementation of data integrity using **Microsoft SQL Server (MS SQL) 2008/2008r2/2012/2014,** Oracle and PostgreSQL.
* Extensively worked with **Entity Framework Core** to connect PostgreSQL
* Experience with various version control systems like **Microsoft Visual SourceSafe, Team Foundation Server, and SVN, GIT, JIRA.**
* Experienced in test driven development using **N-Unit Testing** for the piecewise testing of the applications.
* Worked in **Agile** Environment and participated in daily SCRUM and Sprint meetings.
* Followed **TDD approach** to produce quality code and eliminate bugs in the code.
* Experience in working with Business users to gather requirements.
* Extensively used **Microsoft Azure** created different environments for Dev, Test, Performance and Production.
* Experience in communicating with QA team to explain the requirements and the expected functionality during application testing.
* Expertise in installing, developing, and deploying on application/web servers such as **IIS 5.0/6.0/7.0/8.0, Azure, AWS Environment.**
* Expertise in writing **business process documents, Technical specs and Functional documents.**

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | C#, JavaScript, TypeScript, PL/SQL |
| **Web Technologies** | ASP.NET MVC 5/4/3, HTML, CSS, AngularJS, jQuery, XML, JSON, AJAX |
| **Database** | SQL Server, My SQL |
| **IDE Tools** | VisualStudio2017/2015/2012/2010/2008, Microsoft SQL Server Management Studio, MySQL Workbench |
| **Reporting Tools** | Crystal Reports, Data Reports, SQL Server Reporting Services. |
| **Version controls** | Team Foundation Server, GitHub |
| **Operating Systems** | Windows 10/8/7/Vista/ XP/2000/NT/98/95, Windows Server 2003/2008 |
| **Testing** | N-Unit, SOAP UI |
| **ORM** | Entity Framework, LINQ to SQL |
| **UI Libraries** | Twitter Bootstrap, jQuery UI |
| **Software** | Visual Studio 2019/2013/2012/2010/2008, IIS 5/6/7.5, SSMS 2016/2010, Notepad++, Visual SourceSafe, TFS, SVN, UML, Postman, Jenkins, All Office 365 Tools. |

**EDUCATION:**

**Master of Science (M.S) in Information Technology at the University of North Carolina at Charlotte, NC (GPA:4.0 /4.0)**

**Professional Experience:**

**Stericycle Expert Solutions, Inc., Indianapolis, IN Jun 2020-Present**

**Role: Full Stack .NET Developer**

**Responsibilities:**

* Involved in the **gathering and preparation of requirements specification documents** and regular interaction with the Business Analysts on project updates.
* Implemented **RESTful Services** using **Web API** which are consumed by UI application.
* Used **Agile Methodology** in the development of the project which is based on iterative development.
* Developed the application as a Three-Tier application with UI in the **presentation layer, business logic** in the middle layer using **C#. NET and database activity in the backend.**
* Involved in developing web applications using **ASP.NET AJAX toolkit.**
* Designed and implemented **ASP.NET MVC AngularJS web solutions.**
* Developed secured web services using **.Net, C#, XML/SOAP**.
* Documented the entire **Web Services project and some of the other Modules**.
* Designed and developed dynamic ASPX web pages using **C#, ASP.NET, HTML, JavaScript, and jQuery.**
* Designed the presentation layer using standard ASP.NET controls, HTML controls and provides the required functionality by using C#. NET.
* Involved in writing **Complex Stored Procedures and Functions** using SQL language for retrieving data from SQL Server Database.
* Prepared Data Context **using LINQ to SQL object** relation mapping methodology.
* Used extensive **Dependency Injection** mechanism to make the application loosely coupled.
* Involved in writing **complex business logic, integration** with external/internal, **applications SOAP and REST based.**
* Implemented **Jenkins** for **CI/CD pipeline**. Automated deployments are done twice a day.
* Consumed Restful Services with **JSON** in UI app
* Services implementation on **Windows Azure**. Used Window Azure to deploy the application on cloud and managing the session.
* Involved in code peer review, system regression and unit testing using **NUnit**
* Involved in end to end testing of the application.
* Used **TFS** for version Control.

**Environment:** ASP.NET4.0, C#, ADO.NET, XML, JSON, JavaScript, jQuery, LINQ, Visual Studio 2017, SQL Server 2012, Webservices, HTML5, CSS3,TFS,Ajax, JavaScript.

**Progressive Insurance, Mayfield, OH Oct 2019-Jun 2020**

**Role: Full Stack .NET Developer**

**Responsibilities:**

* Effectively involved in various stages of the development starting from the Project planning till **production and maintenance**.
* Worked with **Agile/Scrum** Environment to meet the timelines and interaction with the team.
* Developed the **Business Logic layer and Data Access layer using OOPS concepts to provide code inheritance and encapsulation.**
* Worked with different business unit like claims, underwriting, billing to complete user stories.
* Created new application components and offered solutions using **ASP.NET, MVC and WCF for multi-tier applications.**
* Developed, maintained user interface screens using **ASP .NET MVC, C#, JavaScript, jQuery, Angular JS, HTML, CSS, Bootstrap UI.**
* Used LINQ to SQL and LINQ to Objects, LINQ to entities to perform the in-memory data operations.
* Used XML as data transfer format to make application communicate with each other.
* Developed **stored procedures, views, cursors, and triggers using in SQL Server2014**.
* Developed and consumed **Restful Services** in the services layer.
* Created **Nuget** packages, Build Templates and MS Release Templates.
* Develop Business logic layer by implementing **Object Oriented Programming** languages and involved in designing and developing the **REST Services**.
* Created and Consumed End Points of **WEB API Framework** and implemented features of security.
* Building Web APIs with help business components such as **GET, POST, PUT** etc. Calling **API** from an **HTML**.
* Created Jams jobs to run the batch process.
* Involved in Deploying components into various environments using Release Manager.

**Environment:** C#, .Net 4.5, MVC 5.0, LINQ, Agile/Scrum Methodology,JQuery, Java Script, AngularJS, HTML, DHTML, AJAX, CSS, Bootstrap, MS SQL server 2014,NService Bus, WCF, Git ,TFS,Release Manager, JAMS Automation, IIS 6.0/7.5.

**Infosys Limited, India Jun 2014-Aug 2019**

**Role: Full Stack .NET Developer**

**Project Name: GLOMOCnB**

**Responsibilities:**

* Designed and developed a web-based, and a mobile-based end-to-end application **using .NET, C# in MVC architecture, SQL Server, Web API, JavaScript.**
* Implemented **Agile** methodologies practices according to the application requirements and used **TFS** for version Controlling.
* Used **ASP.NET, HTML, to create dynamic web pages using ASP.NET Web Server Controls** and user controls.
* Created effective **Complex stored procedures, functions, tables** needed for the application in an effective manner and created reports needed for admin.
* Performed **Unit testing and load testing** for the application and actively involved in requirement discussions and **UAT’s with Clients.**
* This application is related to the **compensation and benefits module**, which involved different project teams and dependencies from different teams for data related to travel, visa status. So, consumed these data using **Web APIs**.
* Designed and developed the **C# components** for implementing business logic which is used to do the transactions on database in middle tier using **ADO.NET.**
* Creating the **ASP.NET Web API’s** and consuming business components and implemented basic authentication for the API’s exposed to the client services.
* Building Web APIs with help business components such as **GET, POST, PUT** etc. Calling API from an HTML.
* Used **ADO.NET objects** such as Data Reader, Dataset and Data Adapter, Data View for consistent access to SQL Server data sources.
* Created low level and high-level design documentation for this project.

**Environment:** C#, .Net 4.5, MVC 5.0, LINQ, Agile/Scrum Methodology,JQuery, Java Script, AngularJS, HTML, AJAX, CSS, Bootstrap, MS SQL server 2014, WCF, Git ,TFS,Release Manager, IIS 6.0/7.5.

**Project Name: Harmony**

**Responsibilities:**

* Developed and maintained web-based user application using **C#.NET, SQL Server, HTML5, CSS, JavaScript.**
* Created **Stored Procedures, Tables and Views** in the database using MS SQL.
* Implemented **Data Access Layer using Entity Framework** to get and update data.
* Developed **Performance tuning scripts in SQL queries** improving execution efficiency by 30%.
* Followed **Agile** methodologies and used **Microsoft Team Foundation Server (TFS)** for version Controlling.
* Developed Web Forms using **C# and ASP.NET and User Interface** using JavaScript, jQuery, Ajax, Angular.
* Validated all the functionalities on the backend using **complex SQL queries, joins and advanced SQL.** Executed data load (Full/delta) and fixed errors if any.
* Managed a team of 4 and Monitored new developers on the team with code reviews, application architecture, process flow to speed up them.

**Environment:** C#, .Net 4.5, MVC 5.0, LINQ, Agile/Scrum Methodology,JQuery, Java Script, AngularJS, HTML, AJAX, CSS, Bootstrap, MS SQL server 2014, WCF, Git ,TFS,Release Manager, IIS 6.0/7.5.

**Project Name: Payworld**

**Responsibilities:**

* Developed and maintained a web-based application that involved banking module and payroll related activities using **C#.NET, SQL Server, HTML5, CSS, JavaScript.**
* Developed the new admin reports web portal for admins of this application using secure authorization checks to download different reports needed for the admins for daily, weekly, and monthly purpose which **reduced the dependence on the L1 and L2 support teams**.
* Performed **System Integration Testing, User Acceptance Testing** and Sanity Testing to ensure product built is correct and with at most accuracy.
* Developed jobs to load the data into the Warehouse environment using **SQL scripts and Job Scheduling tools.**
* Created scripts Scheduling jobs for sending mails to the admins and users on the transactions.
* Developed Web Forms using **C# and ASP.NET and User Interface using Java Script, jQuery, Ajax, TypeScript, Angular.**
* Developed database access components using the **ADO.NET, Entity Framework and utilized LINQ to Entity.**
* Created objects for database access and other business components using **C# and ADO.NET**.
* Used **AJAX** to call web methods during partial page requests.
* Worked on UI issues to fix bugs related to cross browser functionality.

**Environment:** C#, .Net 4.5, MVC 5.0, LINQ, Agile/Scrum Methodology,JQuery, Java Script, AngularJS, HTML, AJAX, CSS, Bootstrap, MS SQL server 2014, WCF, Git ,TFS,Release Manager, IIS 6.0/7.5.