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 **Sai Krishna**

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**Ph.No:- 732-508-3456 .NET Developer**

 **Professional Summary**

* Involved in all phases of software development life cycle (SDLC) like requirements gathering, analysis, design, development, testing and maintaining of enterprise-level web and windows applications.
* Experience with various software methodologies like Agile and Waterfall.
* Hands on experience in Around 8+ years of experience in various stand-alone, client-server and web based software applications using Microsoft technologies like Microsoft **Visual Studio, Microsoft .NET Frameworks 3.0/3.5/4.0/4.5/5.0, C#.NET, VB.Net and Python**.
* Developer in **HTML, CSS, JQuery, AJAX, JavaScript, Angular, Bootstrap.**
* Experience in developing design patterns using **Model View Control (MVC 6.0/5.0/4.0).**
* Extensive experience with working on all layers like presentation layer, business layer and data access layer using LINQ, Entity Framework and ADO.NET.
* Monitored via remotely run scripts Ambari, Azure Data Factory and Blobs.
* Experience in Test Driven Development (TDD) using N-Unit and Visual Studio test tools for unit testing.
* Exposure to creation of databases, objects, stored procedures, triggers, security, SSIS.
* Hands on experience working with databases like **SQL Server 2008/2010/2016, Oracle 10g and MS Access 2013**.
* Experience **Team Foundation Server (TFS) , SVN** and GIT for version controls.
* Hands on development/design of **Web Services,WCF (SOAP, REST, & WSDL)** and **ASP.Net Web APIs.**
* Good Experience with Unified Modeling Language (UML) standards and documentation and experience in preparing Use Case Diagrams, Class Diagrams, Sequence Diagrams and Activity Diagrams using design tools such as Microsoft Vision.
* Able to work both as a team player as well as an individual. Highly organized, dedicated with a positive attitude along with strong analytical and trouble shooting skills.
* Excellent communication skills , strong organizational and interpersonal skills. Capable of working independently with minimal supervision.
* Experience in Telerik RAD controls for ASP.NET AJAX and Infragistics Controls.
* Strong relational database background in **SQL Server, Oracle 9i** with extensive knowledge in writing the **PL/SQL, T-SQL** scripts, Stored procedure, Triggers, Views, Database designing and Maintenance.

 **Technical Skills**

Programming Languages C, C++, C#, Python,VB.Net, T-SQL, PL-SQL

Design Patterns MVC 6/5/4, MVVM

Web Services SOAP,WCF, REST, WEB API

Development Tools Visual Studio (2008/2010/2015/17/19), Visual studio code

Version Control SVN,TFS, GIT

DBMS MS SQL Server(2005/2008/R2/2012/2016), OracleDB(11g), MongoDB, MS Access

Web Development HTML5/4, VB Script, Javascript, Typescript, JQuery, Angular.JS, CSS, AJAX , Angular/7.0/8.0

Applications Microsoft IIS, Windows Server Management

Cloud Environment Azure

Methodology Agile Scrum, Traditional Waterfall.

 **Professional Experience**

**Client: Indiana Office of Court Services, Indianapolis,IN**

**Position: Sr.Net Developer December 2020 - Present**

**Responsibilities**

* Responsible for design and development of the web pages from mock- ups.
* Developed code to call the web service/APIs to fetch the data and populate on the UI using jQuery/AJAX and Vue.js/Axios.
* Participated in development of a well responsive single page application using Bootstrap framework, and jQuery in conjunction with HTML5, CSS3 standards, with front-end UI team.
* Developed front end UI using HTML5, CSS3, SCSS, jQuery, Vue.js, AJAX and JSON.
* Developed Interactive Maps using AngularJS and Highcharts.
* Optimized Existing performance issues with Entity Framework(LINQ) and SQL Server using SQL profilor and Visual Studio Performance Debugger.
* Redesigned Database Structure with new Relational data Schema using calculated fields to handle millions of records and reduce memory.
* Developed a Reporting Web Application from scratch with Vue.js integrated with Highcharts, .NET Framework, Entity Framework and SQL server.

**Environment:** Visual Studio 2017/2019, TFS, .NET framework, .NET Core, SSRS Reports, HighCharts, Angular.js, Vue.js,Entity Framework and SQL Server 2014

**Client: Administrative office of courts, Frankfort, KY**

**Position: Sr.Net Developer August 2018 – December 2020**

**Responsibilities**

* Acknowledged as Outstanding customer service in Financial Application Development.
* Implemented Agile development practices according to the application requirements.
* Involved in the Design, Coding, Testing and Implementation of various modules using .NET core with C# as programming language.
* Developed console and micro services using .NET core.
* Responsible for development and enhancements for existing applications for new business needs.
* Responsible for developing custom and ad-hoc reports using reporting tools SSRS and Crystal reports.
* Implement Object Oriented Programming System concepts, including inheritance, interfaces, properties, and polymorphism.
* Developed Stored Procedures, user-defined function (UDF), Views and Triggers.
* Performed extensive Unit testing using N-Unit and XUnit as per the test cases and business logic.
* Involved in the development of business logic using C# and web services.
* Used XML data for test Web Service using SOUP UI and Postman for API.
* Experience working in SQL Server Integration Services (SSIS) packages to extract, transform and load data from different databases.
* Experience working with JSON format in C# using Newton.JSON.
* Performed enhancements on existing micro-services and developed WEB API with REST services.
* Experience using cosmos DB loading data which was consumed by statistics and Research Departments.
* Developed an MVC application using angular and .NET core.
* Enable Open ID and Windows Live authentication in Azure cloud apps.
* Worked on creating Azure Blob for storing unstructured data in the cloud as blobs.
* Creating scripts using U-SQL in Azure Portal for reading text files and creating .csv files.
* Designed Proof Of Concept for backbone and Vue as part of Application Design.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software life cycle and gets tested well enough before it can make it to the production on Azure Devops.
* Implemented Vue in legacy applications to resolve complex UI issues.

**Environment:** Visual Studio 2018/2019, .NET core 2.x,3.1,WEB API, Micro Services, Postman, Swagger, HTML,CSS, JavaScript, JQuery, Angular 6,8, Vue, Backbone,Azure Devops, SQL Server 2008,2012,2016, cosmos DB and Azure.

**Client:** **State Street,** **Boston,MA**

**Position: Sr.Net Developer March 2017 – July 2018**

**Responsibilities**

* Designed and developed web forms using **ASP.NET, C# ,Python, MVC 6.0 , Entity Framework** (Code first approach) and **Visual Studio 2017**.
* Used Entity Framework Code First approach for the Data Access Layer for the **ASP.NET MVC 6.0** application using **HTML5** and Razor view.
* For Responsive Web design used Bootstrap to build grids, layouts and components.
* Created HTML Helpers to reduce the amount of tedious typing of HTML tags.
* Involved in the development of business logic using C# and web services.
* Using SQL server database as back-end along with the Entity Framework and **LINQ (LINQ TO SQL and LINQ TO XML)** to access the databases.
* System exposes all the data/content through a Web API and Windows Communication Foundation (WCF).
* Involved in **Web UI Design** and Development using **ASP.NET, AJAX, User Controls, Custom Controls** and Web Forms using C# as code behind.
* Worked with **SASS/LESS** pre-processor for managing **CSS**.
* Used .Net Security features such as Authentication and Authorization.
* Implemented Client side and server-side validations done using JavaScript and Validation Controls.
* Implemented an authentication mechanism using Form-based authentication for allowing users to access the system and perform their tasks in dependence of their roles.
* Expertise in Source Code Management tools TFS, TFS administration.
* Involved in developing the Business Layer in C#.NET, where all the Business Objects are written in developing the whole Application.
* Performed extensive Unit testing using N-Unit as per the test cases and business logic.
* Designing and Implementing Solutions to deploy Applications on **Microsoft Azure Cloud Platform**.
Have been involved in a variety of projects that utilized different **Azure services**.
* Extensively used Team Foundation server for shelving the code changes, check in the code and tracking defects and requirements.
* Developing stored procedures for usage in crystal reports.
* Reports development from cross dock to customer service, from sales to **finance, HR, Network Quality** using crystal reports XI.
* Responsible for generating the reports on a daily basis using **SSRS** and development of custom scripts. stored procedures for data import and manipulation .
* Developed few packages in **SSIS** to import data from source and also added standard transformations to
understand the behavior of data from source to destination.
* Experience working in SQL Server Integration Services (**SSIS**) packages to extract, transform and load data from different databases.
* Made accumulations and performed CRUD operations on Mongodb utilizing Mongo Driver, Mongo BSON and Mongo Repository.
* Experience with NoSQL MongoDB in working with collections, indexes, shards and other database management tasks.
* Worked constantly on Production support defect fixing in parallel to agile scrum tasks.
* Python Text parsing/analysis and familiarity with ORM (Object Relational Mapper) libraries.

Environment:Visual Studio 2015/17, VSTS,.Net Framework 4.5, ASP.Net core, MVC, Kendo UI MVC, SQL Server 2012, Mongo DB, C#.Net, Python, Asp.Net, JQuery,Typescript,WCF, MVC,LINQ, HTML 5, XAML, CSS,SASS, LESS, Entity Framework,Crystal Reports 2016 and SSRS.

**Client:Thrivent Financials,** **Appleton, WI**

**Position:Full Stack.Net Developer March 2016 – February 2017**

**Responsibilities:**

* Responsible for gathering functional requirements, analysis using Iterative SDLC methodology.
* Involved in prototyping and architecting the new web application using service Oriented Architecture (SOA) and Agile.
* Designed and implemented application using **Microsoft .NET framework, ASP.NET MVC, JQuery, C#.Net, CSS, XML Technologies**.
* Used Angular JS framework to implement Single Page Application and created HTML pages using Angular JS directives.
* Developed **UI Applications** based on latest UI technologies, libraries and frameworks like Bootstrap.
* Involved in maintaining and enhancement of legacy web forms application.
* Implemented Token based Authentication and Authorization.
* Designed and developed services using **WCF** and defined Service Contracts for specific functionality in project module.
* Implemented Business Layer to consume data from multiple **WCF** services.
* Involved in writing **SQL Queries, functions, Stored Procedures and views**.
* Involved in working with UML design such as **Class Diagrams, Use Cases, Sequence Diagrams**.
* Responsible for handling data querying with **LINQ to objects/XML** and Object Relational Mapping using Entity Framework.
* Effectively used Cookies and Sessions for users to validate and to make a time out for the connectivity with the database.
* Enhanced REST API developed in python and consumed in .NET applications.
* Expertise in developing Console, Windows and Web Applications using **C#, WPF, windows forms** .
* Developed custom controls for WinForms and generating reports and Developed presentation layer
(user interface) using WPF.
* Used SQL Scripts to implement Stored Procedures, Triggers and Views for the data access.
* Used **AJAX** in order to improve interactivity and performance of the application.
* Used **GitHub** for source control and fiddler for API Testing.
* Involved in analyzing and designing of tables in **Oracle** Database.
* Worked with performance tuning tools like Oracle optimizer, explain plan, hints to improve the database .
* Developed stored procedures and triggers in Oracle database.
* Involved in unit testing with N-unit Framework, Integration testing, tracing and fixing bugs in the application.
* Developed documentation for the Application as per the specifications.
* Worked on complex custom **Crystal reports** integrated into proprietary web application with SQL server at back end.
* Redesigned/modified hundreds of existing Crystal reports.

Environment:Visual Studio 2013, .Net Framework 4.5, ASP.Net, C#.Net,Python, Asp.Net, Angular JS, WCF,WPF,Win forms ,LINQ, HTML 5,AJAX, TFS Entity Framework,Oracle , fiddler and Crystal Reports 2016.

**Client: Federal Home Loan Bank, Dallas,TX**

**Position: Web/Tableau Developer January 2015 – February 2016**

**Responsibilities**

* Involved in gathering the requirements, analysis, design & development of the project.
* Developed Agile Software Development methodologies to enable efficient and effective high-quality software development.
* Used Entity Framework Code First approach for the Data Access Layer for the **ASP.NET MVC 5.0** application using **HTML5** and **Razor view**.
* Created HTML Helpers to reduce the amount of tedious typing of HTML tags.
* Expertise in developing Console, Windows and Web Applications using **C#, VB.NET** and **ASP.NET** in Visual Studio.
* Implemented **OOPS** concepts like abstraction, polymorphism, and inheritance while designing and developing the application. Implemented different architectural and design patterns.
* Involved in development of Web Forms, classes using **MVC** that incorporates both N-Tier Architecture, and Database Connectivity.
* Developed Web API to receive data from sensor device and store in the **SQL Server** (Azure) Database.
* Developed and Enhanced Master Pages, User Controls, Custom Controls, User Interface by using **HTML, CSS, Bootstrap, jQuery UI,**.
* Implemented Server and Client-side validations using **JavaScript** and **jQuery**.
* Modified Web Services to interact with the other applications and exposed them using **SOAP** and **HTTP**.
* Used **WCF** for developing and deploying services on windows in line with the Service Oriented Architecture (**SOA**).
* Implemented Logging for **ASP.net MVC** applications with Log4Net.
* Extensive usage of Delegates and Events to establish communication between the**Win forms**.
* Converted .Net application to **Microsoft Azure Cloud Service** Project as part of cloud deployment.
* Worked on Entity-Framework for **Object-Relational Mapping (ORM)**.
* Develop and update enterprise solution using .NET technology with Oracle 10g in the back end to meet client's need.
* Created Integration Services **SSIS** package to import raw data from **MS Excel** to the **SQL Server**.
* Extensively involved in developing components for **Business Layer** and **Data Layer**.
* Developed **Stored Procedures, Triggers, and Views** in **SQL Server 2015** for accessing the database.
* Experience in **Recovery, Database Migration** from **SQL to Oracle** and upgrading databases from higher versions.
* Developed many **T-SQL** queries to fetch data as per the business requirements with proper tuning techniques.
* Enhanced the applications performance by constantly monitoring the queries by running Execution plans and query optimization techniques in SQL server.
* Used Team Foundation Server (**TFS**) for Version Control, Team build, Project Management, Data Collection, and Reporting.
* Used **JIRA** software for custom work flows to build & test software.
* Involved in the Unit and Integration testing.
* Worked with testing team to fix the bugs as part of Bug life cycle and Production support
* Created **Tableau** worksheet which involves Schema Import, Implementing the business logic by customization.
* Creating actions in worksheets and **dashboards** for interactivity and to compare data against different views.
* Experience in creating sets, joins, hierarchies, filters, global filters, quick filters, context filters, table calculations, calculated measures and parameters.
* Developed story telling dashboards in **Tableau Desktop** and published them on to **Tableau Server**, which allowed end users to understand the data on the fly with the usage of quick filters for on demand, needed information.
* Involved in Performance tuning the reports and dashboards for optimization.

**Environment:**ASP.NET, C#.NET, Tableau 9.x,10 Visual Studio 2013, HTML, Web Services, ADO.NET, User Controls, SQL Server, Master Page, WPF,Windows Form.

**Client: Infosys, Hyderabad,India**

**Position:Programmings Analyst May 2013 – Nov 2014**

**Responsibilities**

* Implemented the project using **ASP.NET, C#** and back-end database as **Microsoft SQL Server**.
* Gathered requirements, database architecture, designing, development, unit testing and Code Reviews.
* Business Logic has been implemented using the concepts of secure coding features and Object Oriented programming (OOP) with Code behind language **C# .NET**.
* Designed and developed code for global procurement portal web application.
* Developed code using the N-Tier architecture.
* Developed **UI layer** using **HTML, JavaScript, CSS** and **MVC**.
* Writing User Defined Functions, stored procedures, Triggers, Packages and validated the business logic.
* Used AJAX for validations and partial page refresh for a better UI Experience.
* Developed **Business Objects** and **Data Objects** using C#.
* Wrote SQL queries with Joins on multiple tables, Stored Procedures, Functions, Triggers, and Indexes.
* Created the web reports using SQL Server Reporting Services (**SSRS**).
* Used **LINQ** to **SQL** and **ADO.NET** as the data provider for communicating with the SQL Server Database.
* Developed and used **WCF Web Services** to get the Category and Product information.
* Developed **RESTFUL/WCF** **Web services, APIs**, and other back end components.
* Used .Net Security features such as Authentication and Authorization.
* Used Unit Testing to test the code developed to ensure it accurately captures the existing business processes.
* Provided ongoing troubleshooting, defect and enhancements to this tool.
* Extensively Used **TFS** for the maintenance and status of the developers for development of application.
* Created stored procedures to extract the data from the SQL Server.

**Environment:** ASP.NET, C#.NET, Visual Studio 2010, HTML,MVC,Web Services, WCF, AJAX, ADO.NET, SQL Server, Javascript, SSRS, EDI, HIPPA

 **Education**

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| JNTU University , India | 2012 |
| **Bachelors of Engineering in Computer Science** |  |