**Satya Sarada Prathi**

**SR .Net Developer/Lead .Net Developer**

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**Coppell, Texas - 75019**

**PROFESSIONAL SUMMARY:**

* Over 11+ years of professional experience in working with Microsoft technologies like C#, Vb.net, ASP.NET MVC, ASP.NET WEB API, ASP.NET MVC Core, .Net Core, ADO.NET / Entity Framework, Microsoft SQL Server, IIS, TFS and front-end development technologies HTML5, CSS3, JavaScript, jQuery, Angular8, Angular15, Angular16, Typescript and Bootstrap framework.
* Worked on Banking, Education, Manufacturing, HealthCare and Tax Applications.
* Facilitated Agile Scrum calls, worked on Feature planning, Roadmap Planning and held Sprint Retrospective meetings.
* Proficient in developing full stack development. Worked on Frontend Development, Backend and CI/CD pipelines in Azure. Worked with designers to style applications according to the mocks.
* Exceptional knowledge of Object-Oriented Programming (OOPS) concepts including Collections, Exception Handling.
* Extensive experience of designing and developing software applications with the .NET Framework (5.0/4.0/3.5/2.0/1.x) ASP.NET, ADO.NET, AJAX, LINQ, WCF, CSS, Web services.
* Experience in designing and branding Master Pages utilizing Server Controls, User Controls, Data Grid controls, Form Validation controls, Custom controls, and CSS.
* Experience in Continuous Integration and Continues Deployment using Azure DevOps.
* Expert in developing web-based applications using Angular, ASP.NET MVC and cross-browser applications using .Net Framework.
* Strong Experience in programming with .NET Framework using C#, ADO.NET Entity Framework, ASP.NET, Visual Studio 2008/2010/2013/2015, Sql Server 2012/2019.
* Have hands-on project experience followed on SOLID principles and Lazy Loading, Factory and Dependency Injection design patterns.
* Experience in creating interactive web applications and single page applications using Angular 8/15/16.
* Hands on Experience in responsive front-end web designing using HTML5, CSS3, UI framework the Bootstrap v3 and v4 as well.
* Experience in deploying applications with Cloud Services by creating a simple Cloud Service with Visual Studio, testing it locally, and deploying to a live Microsoft Azure Cloud environment.
* Worked on Continuous Integration and Continuous Delivery (CI/CD) Pipelines
* Worked on Component Driven Development in Angular and developed reusable components.
* Working experience in Database design and writing Stored Procedures, Functions, Statements, Triggers, Views, Joins, performing Query Optimization and Performance Tuning in SQL Server 2008/2010/2012 Databases.
* Proficient in writing Unit Test Cases for business logic and Web Services, performed Unit Testing using XUnit Testing Framework.
* Proficient in testing front-end applications with Karma, Jasmine frameworks.
* Working Experience in establishing Continuous integration/ Continuous Deployment services using Visual Studio Team System (VSTS), TFS and GIT.
* Proven ability to analyze problems, root causes, and develop innovative solutions to business challenges and streamlining operations.
* Experience in leading the team. Reviewed the product backlog and refined the features/stories and assigned them to the engineers.
* Worked on UML and Class Diagrams.

**TECHNICAL SKILLS:**

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| Programming Languages | C# , Vb.Net |
| Web Technologies | ASP.NET (4.5/4.0/3.5/3.0/2.0) MVC |
| Architectural Patterns | MVC (5.0/4.0), MVVM, MVP |
| Front-End Technologies | Angular 16/15/8, HTML5/4, CSS3, XML, AJAX, Bootstrap3/2, jQuery (5.0/4.1) |
| Databases | MS SQL Server 2019/2014/2012/2008, MS – Access |
| Data Access | ADO.NET, LINQ to SQL, Entity Framework |
| Development IDE | Visual Studio 2015/2013/2010/2008, SSMS |
| Reporting Services | SQL Server Reporting Services |
| Web Servers | IIS (Internet Information Server) 7.0/6.0 |
| Web Services | HTTP |
| Cloud Services | MS Azure |
| Testing Tools | XUnit, MS Visual Studio Test Tools, Karma, Jasmine |
| Version Control Tools | VSTS, Git, Team Foundation Server (TFS) |
| Methodology | Agile (Scrum), TDD, Waterfall Model |

**PROFESSIONAL EXPERIENCE:**

**Mars Solution Group Dec 2023 to till date**

**Role: Sr .Net Developer**

**Responsibilities:**

* Creates end-to-end business workflow scenarios, which involves reviewing technical and business specifications, and developing methodology to achieve customized software solution in C#, .NET, ASP.NET MVC, Web API, WCF and .NET Core.
* Implemented CRUD operations using $http service to call Web API methods.
* Implemented JWT Token based authentication to secure the ASP.NET Core Web API and provide authorization to different users.
* Involved in writing application-level code to interact with APIs, RESTful Web Services using AJAX, JSON.
* Implemented authorization, authentication, and extensive exception handling.
* Designed and created models, components, modules, and services to apply client-side logic and dependency injection using Angular 16.
* Design, build, and maintain efficient, reusable, and reliable code.
* Developed ASP.NET Core Web API based on requirements and specifications.
* Worked with advanced concepts of ASP.NET Core MVC such as Models and Providers, Filters used for developing backend technology.
* Used Entity Framework 5.0 extensively for retrieving, querying, storage, and data manipulation.
* Developed, designed, and implemented the web application by latest versions of C#, MVC, ASP.NET6

**Environment:** C#, ASP.NET WEB API, .NET Framework 4.8, Entity Framework, Angular 16, Bootstrap, jQuery, GIT, Azure, Visual Studio 2015, SQL Server.

**Accenture Aug 2022 to Feb 2023**

**Role: Application Development Specialist**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle (SDLC) including Analysis, Design, Implementation, Testing and Maintenance with Agile Methodology.
* Developed Library modules that can be reused across different applications.
* Followed Agile Scrum methodology.
* Led a team of developers and responsible for project coordination including planning and implementing the requirements given by client.
* Involved in application development process by creating micro service using Asp.net Core, Angular, Rest API, SQL server and Azure.
* Designed and developed Entity Framework 2.0 Code-First approach with Repository-Pattern based backend and used RESTful and Web API as transaction and communication technology to the client-side.
* Design, build, and maintain efficient, reusable, and reliable code.
* Developed ASP.NET Core Web API based on departmental requirements and specifications.
* Used Entity Framework 5.0 extensively for retrieving, querying, storage, and data manipulation.
* Developed, designed, and implemented the web application by latest versions of C# 5.0,6.0, MVC 5.0, ASP.NET CORE 2.1,2.2
* Implemented authorization, authentication, and extensive exception handling.
* Designed and created models, components, modules, and services to apply client-side logic and dependency injection using Angular 15.
* Implemented Client-side validation using Angular 15 Custom Form Validation with ng-show and ng-hide.
* Implemented JWT Token based authentication to secure the ASP.NET Core Web API and provide authorization to different users.
* Used Postman to Pretest the Web API endpoints.
* Performed Unit testing using Xunit, Integration Testing, Performance Testing and System Testing.
* Preparing HLD and TDD documents, which lead to fast development and on-time project delivery.

**Environment:** .NET Framework 4.8, C#, ASP.NET Core WEB API, Entity Framework Core 2.0, Angular 15, Bootstrap 3.3.7, jQuery, JavaScript, HTML, JWT Token, GIT, Azure, Visual Studio 2015, SQL Server 2014/2012

**Mizuho Bank May 2019 to Aug 2022**

**Role: Sr Software Developer**

**Responsibilities:**

* Involved in full stack development by analyzing, designing, developing, implementing, and maintaining application code in a variety of contexts including existing applications.
* Developed Responsive Web Pages using Bootstrap.
* Written SQL queries, Stored Procedures and triggers using SQL in SQL SERVER 2012.
* Hands on Experience in ASP.NET MVC3/4/5, WCF, WPF, .NET 3.0/3.5/4.5
* Started to use Azure Cloud Services and continuous integration (CI) with the cloud database.
* Worked on Restful web services using Web API.
* Leveraged Bootstrap CSS library to implement responsive web interface.
* Used Angular JS as the development framework to build a single-page application.
* Designed a Web application using Web API, leveraged Entity framework (EF).
* Worked on Angular two-way data binding between DOM and model, dependency injection and handling GET, PUT operations with a Web API controller on a group of posts.
* Implemented ng-repeat to display tabular data and utilized features such as sorting, filtering, paging and data manipulation to perform CRUD operations by using Angular.
* Implemented CRUD operations using $http service to call Web API methods.
* Proficient in utilizing JIRA software for tracking and managing project tasks and issues, including the preparation and documentation of JIRA tickets.
* Responsible for maintenance of applications with technologies such as .NET C#/SQL Server / Oracle/ jQuery/ HTML5/ JavaScript/ Angular/ Bootstrap/ jQuery.
* Experience in writing SSIS Packages/SSRS in SQL Server
* Involved in writing application-level code to interact with APIs, RESTful Web Services using AJAX, JSON
* Used Cascading Style Sheets CSS to maintain design consistency across all web forms.

**Environment:** Visual Studio 2017, C#, .NET 4.5, .Net Core 1.0/2.0, Angular 8, Entity Framework 6, SQL server 2012, CSS, IIS 8.0, Crystal Reports, Web API, AJAX, JavaScript, jQuery.

**NTU Jan 2015 to April 2019**

**Role: Software Engineer**

**Skill:**

**Responsibilities:**

* Understanding the system requirements, functionalities to be implemented the projects using VB.NET, C#.NET, ASP.NET, Oracle, Ajax, Bootstrap, CSS, HTML, webservices, GIT.
* Interact with customers to define project features and requirements.
* Managed and Implemented code releases of several applications on DEV, UAT, PROD databases.
* Responsible for writing queries, creating tables, Stored Procedures in Oracle database.
* Used QlikView for Generating reports.
* Involved in design from code architecture to database development.
* Conduct web application security assessments and handle vulnerability remediation of applications.

**Environment:** Microsoft .NET Framework 3.0, ADO.NET, VB.NET 3.0, WCF Services, SQL server 2005, Telerik Controls 2009, Win Forms, TFS, CSS, User Controls, JavaScript.

**Wipro Technologies Apr 2011 to Jul 2013**

**Role: Project Engineer**

**Skill: Application Production Support**

**Responsibilities:**

* Technical Analysis & Preparation of FD, TD and UTP for various applications.
* Responsible for designing and developing VB.Net, Asp.Net, C#.net, JavaScript, ADO.net, SQL, Ajax, webservices.
* Developing the enhancements for the internal applications
* Responsible for writing queries, PL/SQL procedures, packages, triggers to support new enhancements, unit testing and resolving issues related to Database during development cycle.
* Configuration Management and Preparing Daily Weekly Status Report
* Handling client calls and ensuring customer satisfaction.
* Testing – Coordination with the Test Team for Unit Testing, Integration Testing, System Testing and Defect Tracking using HPQC.
* Deployment in Test Environment and Production
* Create tables, stored procedures, and packages.
* Used Team Foundation Server (TFS) for project repository and versioning control.

**Environment:** Microsoft .NET Framework 3.0, ADO.NET, VB.NET 3.0, SQL server 2005, Telerik Controls 2009, Win Forms, TFS, CSS.

## Spatial Technologies Ltd, December 2009 — March 2011

## Software Developer

## Responsibilities:

* Understanding the system requirements, functionalities to be implemented.
* Developed .net web applications using VB.Net, java script, ADO.net, SqlServer, HTML, CSS.
* Responsible for writing queries, PL/SQL procedures, packages, triggers to support new enhancements, unit testing and resolving issues related to Database during development cycle.

**EDUCATION:**

* Masters in Computer Science from Andhra University Vishakhapatnam, India. 2007