

# NAVYA NAMBURI

## (SOFTWARE DEVELOPER)

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### Summary

- **4+ years of Software Developer** experience with experience in analysis, development, testing, Implementing Web based, Client/Server Applications along with Enterprise and Distributed applications across the entire Software Development Life Cycle using Microsoft .NET Framework, C#.NET, and ASP.NET Technologies.
- Experience in Agile and Waterfall and involved in all phases of SDLC (Software Development Life Cycle).
- Strong experience in server-side technology like .Net Core and Standard framework to design and create RESTful-based Web API services.
- Involved in the design and development of 3-tier N-tier distributed architectures and MVC architecture.
- Experience as .NET developer in developing Windows-based and web-based applications using .NET technologies such as .NET Core, C#, VB.NET, ASP.NET, ADO.NET, Server controls, web services, .NET Framework, HTML/XHTML, CSS, JavaScript, and IIS.
- Experience in SQL Server Database design developing T-SQL queries, functions, stored procedures, and triggers using SQL Server and used ADO.NET to access and update the database in ASP.Net environment.
- Strong experience in the implementation of Object-Oriented Languages (OOPS), Object-oriented application Development (OOAD), and Relational Database (RDBMS).
- Expertise in a wide range of .NET components such as C#, ASP.NET, VB.NET, PL/SQL, ASP.NET MVC, ADO.NET, and ADO.NET Entity Framework.
- Proficient in developing Single Page Applications using AngularJS and its various versions, as well as back-end components such as RESTful, XML Web Services (SOAP, WSDL), Web API, WCF Services, and Windows Services.
- Having experience with Microsoft Technologies, such as .NET Framework, ASP.NET Web Forms, ASP.NET MVC, WCF, WPF, Entity Framework, Silverlight, LINQ, IIS, SOAP, XML, DOM, XSL, XSLT, HTML 5, Java Script, jQuery, AngularJS, Angular, ReactJS, NodeJS, CSS3, HTML5, VB Script, and Visual Studio.
- Working experience with Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), and Windows Workflow Foundation (WWF) in .NET Framework, Language Integrated Query (LINQ), and SOA architecture.
- Experience in using Source Code Version Control Systems like MS Visual Source Safe (VSS) TFS (Team-Foundation Server), and SVN.
- Expertise in designing and deploying cloud-based solutions on Microsoft Azure.
- Well-versed in using Git and Azure DevOps for version control, ensuring efficient code collaboration, and tracking changes throughout the development lifecycle.
- Acquired a solid understanding of all phases of Software Development Life Cycle (SDLC) methodology (such as requirement, analysis, design, data modeling, business process modeling, implementation, and deployment).
- Gained an excellent understanding of Agile development methodology.
- Proficient in Git, GitHub, and Bitbucket for version control and collaboration, with expertise in using AWS, Docker, Kubernetes, Jenkins, and IIS for deploying and managing .NET applications.

### Education

**Master’s in Information Systems | Saint Louis University, Saint Louis , MO , USA (Aug 2022 – May 2024) |**

**Bachelors in Electronics and Communications Engineering | Jawaharlal Nehru Technological University, India (Jun 2016 – Sep 2020) |**

### Skills

<b>Methodology:</b> SDLC, Agile, Waterfall, Scrum  <b>Programming Language:</b> Java, Core Java, C, C++, Python, PHP, SQL, JavaScript, C#, SQL, HTML  <b>.NET Framework:</b> .NET Framework 4.5, 4.7, .NET Core. <b>Version Control:</b> Git, GitHub, SVN	<b>IDE’s:</b> Visual Studio Code (VS Code), Net Beans, Android Studio, Eclipse, NetBeans, IntelliJ IDEA  <b>Web Technologies:</b> HTML5, XML, DOM, CSS, CSS3, JavaScript, jQuery, TypeScript, React Native, AJAX, JSON, Angular 8, REDUX, Express JS, VUE JS, Angular.JS, Node.JS, Bootstrap	<b>.Net Technologies:</b> Asp.Net, Asp.Net MVC, ADO.NET, Asp.Net Web API, Asp.Net Core, Rest API, WCF, WPF, Entity Framework.  <b>Frameworks:</b> Spring Core, Spring MVC, Spring Security, Spring Boot, Spring AOP, Spring Actuator, Hibernate, Spring IOC, C#, .NET Framework, ASP.NET MVC, Web API.
<b>J2EE Technologies:</b> Java 11/8, JDBC, JMS, JSP, Servlets, JPA, JNDI, Struts, Java Beans, Java Multithreading, Generics and Collections, EJB, Design Patterns	<b>App servers:</b> Apache Tomcat, Web Logic, JBoss  <b>Cloud Computing:</b> AWS, Azure	<b>Other Tools:</b> MS Office Suite, Jenkins, Ant, Maven, Docker, SQL Server Management Studio, WebSphere, Tomcat, Git, Bitbucket, Postman, Swagger, Spring Tool Suite, Jira, Kubernetes
<b>Database:</b> MySQL, SVN, PostgreSQL, Firebase, Cassandra, Oracle	<b>ITSM tools:</b> JIRA, Service Now.	<b>Operating Systems:</b> Windows, MacOS, Linux

### Experience

#### Software Developer- Starr Insurance | Saint Louis, MO, USA | July 2024 - Present

- Involved in designing and developing web applications using various technologies and frameworks such as ASP.NET MVC, C#, HTML, JavaScript, Angular, React, Kendo UI, and NodeJS.
- Assisted in the development of internal tools for underwriting and risk assessment using ASP.NET Web Forms and SQL Server.
- Performed unit testing and debugging to ensure the quality and reliability of applications.
- Supported the deployment and maintenance of applications in production environments, providing technical support to end-users.
- Contributed to documentation and user manuals, facilitating knowledge transfer and user training.
- Collaborated with senior developers to implement best practices and coding standards. Developed WCF Service Libraries to facilitate seamless data exchange between Desktop and Central Applications, implementing crucial business logic.
- Streamlined application development and testing using React JS and Node.JS, enhancing application functionality through the client-side MVC

architecture.

- Demonstrated strong understanding of REST and CRUD fundamentals, contributing significantly to the effective development of web services.
- Developed and maintained a customer claims processing system using ASP.NET Core, C#, and SQL Server, increasing claims processing efficiency by 25%.
- Implemented security features such as role-based access control and data encryption, ensuring compliance with industry regulations.
- Created interactive dashboards and reports using SSRS and Power BI, providing stakeholders with real-time insights into business operations.
- Enhanced the performance and scalability of legacy applications by refactoring code and optimizing database queries.
- Participated in Agile development processes, including sprint planning, daily stand-ups, and retrospectives, ensuring timely delivery of project milestones.
- Led the development of a web-based insurance policy management system using ASP.NET MVC, reducing processing time by 30%.
- Designed and implemented RESTful APIs to integrate with third-party services, improving data exchange and accuracy.
- Utilized Entity Framework for data modeling and LINQ for querying, enhancing the efficiency of database operations.
- Following agile development methods, Used the Agile Scrum methodology to hold daily stand-up meetings to track progress and address any issues.
- Led a cross-functional team in designing and developing a user-friendly e-commerce platform using React and Redux, resulting in a substantial 25% increase in sales.
- Utilized object-oriented technology to craft highly reusable components in VB.NET, improving code reusability and maintainability.
- Implemented REST and GraphQL for API development, ensuring efficient communication and integration of .NET applications with other services or systems.
- Worked proficiently with a variety of WinForms controls such as Radio buttons, List views, Panel controls, Group boxes, Image lists, Progress bars, and Tab controls, ensuring an enriched user experience.
- Implemented various Validation Controls and constructed Custom Validation Controls using JavaScript for comprehensive client-side validation.
- Efficiently managed source code versions using TFS source control software, enabling comprehensive tracking of code changes and history.
- Designed ASP.NET application authentication using the .NET Framework and the Model View Controller (MVC) pattern to enhance application security and user access controls.

### **Software Developer- United Airlines | Chicago, Illinois, USA | Mar 2023 – Dec 2023**

- Responsible for developing a complete front-end application in NodeJS, JavaScript, HTML5, CSS3, bootstrap 4, and Angular 9, and a single-page, mobile-first web application for real-time location sharing using AngularJS and JavaScript API.
- Developing RESTful APIs using ASP.NET, enabling seamless integration with external systems and ensuring flexibility and scalability.
- Involved in working on rewriting legacy Windows Forms applications into web-based applications using web forms and client-side technologies like JQuery, JavaScript, JSON Data, NodeJS, Angular 8, and ReactJS.
- Engineered dynamic web applications using ASP.NET, MVC, and a suite of client-side technologies such as JavaScript, React JS, Node.js, JQuery, JSON, HTML, and CSS, achieving a 20% increase in user engagement and a 25% enhancement in application responsiveness.
- Extensively managed various data and validation controls in Visual Studio and generated a variety of Dynamic Controls in the application, supported by dynamic style sheets for database-driven pages.
- Contributed to the design and implementation of a scalable and robust WebAPI infrastructure using .NET, resulting in a 40% enhancement in data transmission efficiency and a 25% reduction in response time, optimizing communication among various application modules.
- Developing mobile and desktop applications (Android and IOS) using C# and VB.NET and worked on synchronizing data model and user interface controls using NodeJS.
- Mastered N-Tier Architecture with web and windows technologies using .Net Framework, windows forms, web forms and Windows services.
- Utilizing Object Oriented Programming (OOPS) Skills such as Encapsulation, Abstraction, Inheritance and Polymorphism for designing applications.
- Showed proficiency in development using Microsoft.NET technologies like ASP.Net, C#, VB.Net, ADO.Net, Web Services.
- Applied data site retrieval and manipulation using ADO.NET data objects such as Dataset, Data Reader, Data list, Data Adapter.
- Working with design patterns, N tier architecture, 3 tier architecture and Model- View- controller (MVC) effectively.
- Handled various databases, encompassing, MySQL, and MS SQL Server and optimized data storage and retrieval for enhanced application performance. Leveraged Web User Controls, Grid View Controls, Form Validation Controls and Custom Controls for creating user interfaces.
- Followed Test-driven development using MS Unit Testing rigorously. Deployed and tested web applications on IIS and Bamboo successfully.
- Implementing Entity Framework using entities, which map to database tables, and the DbContext, which handles connections, querying, change tracking and persistence.
- Used front-end technologies like HTML, CSS, React JS, Node JS, Bootstrap and JavaScript proficiently.

### **Software Developer – Accenture | India | Nov 2019 - July 2022**

- Utilized Source Code Version Control Systems like Git and TFS (Team- Foundation Server) effectively.
- Built RESTFUL services using ASP.NET and performed CRUD operations efficiently.
- Tracked and resolved bugs and issues using Jira successfully.
- Creating Unified Modelling Language (UML) diagrams such as Use Case Diagrams, Activity Diagrams, Sequence Diagrams, and Class Diagrams, Deployment Diagrams using Rational Rose and MS Visio professionally.
- Responsible for all tiers of the application, including the data layer, business layer, and UI layers. Developed business and data tier using .Net MVC, C#, ADO.NET.
- Developed Master Pages and web-enabled online panels for data entry using ASP.NET forms and submitted the same for processing to the appropriate manager.
- Involved configuring high availability using geographical MongoDB replica sets across multiple data centers and using Telerik MVC control for grid layouts and calendar layouts.
- Used GIT and JIRA for bug analysis, tracking, and fixing in web-industry standards.
- Developed reusable user controls such as .ASCX, customer controls in ASP.NET web pages/forms, and partial views and layouts for creating a common look and feel among all the web pages in ASP.NET MVC web applications.
- Led cross-functional teams and guided projects using Agile Scrum methodologies, resulting in a 15% reduction in project timelines and a 10% boost in team productivity while consistently achieving sprint goals.
- Applied expertise in creating HTTP Modules, HTTP Handlers, and Middleware to optimize system functionalities.
- Implemented projects using the .Net Core Framework with C#, MVC, React, and AWS (S3) cloud, along with Microsoft SQL Server, ensuring robust and efficient project execution.
- Utilized React JS to streamline development and testing of applications by providing a framework for client-side MVC architecture.
- Embraced multi-tiered architecture, utilizing Business Objects for inter-layer communication, and developed Windows-based applications using Windows Presentation Foundation (WPF).
- Implemented Stored Procedures, Triggers, Tables, and Views in SQL Server and MySQL databases for optimized data management.
- Configured and automated continuous integration and continuous deployment (CI/CD) pipelines using Bamboo and Jenkins, ensuring streamlined software delivery processes for .NET applications.
- Employed Git for version control during development and collaborated on code review, build, and deployment processes using Jenkins.
- Implemented .NET security features such as authentication and authorization using form-based and window-based authentication, managing user roles, and user account impersonation.
- Developed and deployed scalable Azure-based .NET applications using C# and Angular, leveraging cloud computing for efficient and reliable solutions. Implemented secure authentication and authorization mechanisms in Azure using Active Directory Services and Azure Active Directory, ensuring data protection and user access control.
- Utilized ASP.NET and ADO.NET to build high-performing web applications, seamlessly integrating with SQL Server, Oracle, and other databases.
- Leveraged Azure Web Services and WCF to facilitate efficient communication between distributed system components, ensuring seamless functionality and scalability.
- Created engaging user interfaces with HTML, HTML5, CSS, and Angular, delivering intuitive experiences and responsive design.
- Implemented industry-standard design patterns like MVC and MVVM in .NET applications, ensuring code maintainability and separation of concerns.