# RUTHVIK SUVARNAKANTI

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## Summary

- Around 4 years of professional experience in client-server and web-based environments utilizing Microsoft .NET technologies. Adept in designing, developing, and implementing data-driven desktop and web applications, with a strong focus on modern .NET Core frameworks, RESTful APIs, and front-end technologies like Angular and React. Proven expertise in Agile development, cloud-based deployments, and integrating advanced authentication methods to secure applications.
- Experience in building RESTFUL services using ASP.NET Web API and performing CRUD operations.
- Experience in using Web API to create HTTP Restful services, Experience in working .Net Core and ASP.NET Core, its implementation of the Web API.
- Extensive experience in developing UI screens using HTML5, CSS3, and JavaScript.
- Developed and optimized PL/SQL procedures and queries, improving performance and reducing execution time by up to 30%.
- Expertise in designing and developing Windows based applications and Web based applications using.NET Core, MVC, ASP.NET, VB.NET, ADO.NET, C# and SQL Server.
- Strong experience in Test-driven development using MS Unit Testing and NUNIT.
- Experience with version control tools like GitHub, bit bucket, and Visual Studio Team Services (Azure DevOps) and responsible for merging, tagging, and conflict resolution in GIT.
- Experience in Web Services to provide SOA architecture with WCF, SOAP\REST, Micro-services, and Configuration based activation applications.

## Skills

**Methodology:** SDLC, Waterfall, Agile, Agile Processes
**Programming Languages:** C#, SQL, C, PHP, Java
**Frameworks:** Asp.Net Core, ASP.Net MVC, Entity Framework, Rest API's, React.js, Visual Studio, Visual Studio code
**Web Technologies:** HTML5, CSS3, JavaScript, RESTful APIs, Query, Ajax, XML, JSON, Bootstrap, LINQ, SASS
**Ansible Cloud Platforms:** Azure, Azure DevOps, Azure Functions
**Databases:** MySQL, PL/SQL, Oracle, SQL Server, PostgreSQL, Relational Databases
**Version Control & Other Tools:** Git, Gitlab
**Testing and Logging Tools:** MS Test, N Unit, Junit
**DevOps and Containerization:** Docker, Kubernetes
**Soft Skills:** Effective verbal and written communication, Problem-solving, Troubleshooting skills
**Operating Systems:** Windows, Linux, Mac
**Software Engineering Principles:** Object-Oriented Programming, Data Structures, Algorithms
**CI/CD:** CI/CD Pipelines

## Work Experience

**Software Engineer | Humana**, USA                                    Nov 2023 - Present

- Involved in the analysis**,** designing**,** coding and implementation of the application.
- Refactored and implemented Vault security authentication, enhancing security protocols by replacing the token-based system to support low-latency, highly available applications.
- Integrated SharePoint into DevOps deployment, optimizing for CI/CD processes and assisting in the successful delivery of 3 major projects.
- Conducted code reviews and testing, using SQL to ensure compliance with business requirements, resulting in a significant improvement in code quality and 100% functionality satisfaction.
- Debugged and documented application analysis, leveraging root-cause solutions to log and resolve issues efficiently, improving future deployment optimization.
- Collaborated on integrating SonarQube into the CI/CD pipeline, maintaining code quality checks throughout the SDLC with a focus on object-oriented principles.
- Implemented reusable code libraries in line with test-driven development practices, enhancing maintainability and functionality.
- Worked with AJAX enabled WCF services / Web API using C#, VB.NET and ASP.NET MVC.
- Created Asynchronous operations using ASYNC, await to get data asynchronously in C#.
- Developed Agile Software Development methodologies to enable efficient and effective high-quality software development.

- Migrated legacy systems to modern .NET MVC frameworks, rewriting PL/SQL scripts in Oracle DB and enhancing overall functionality.
- Developed complex PL/SQL stored procedures, functions, packages, and triggers to implement business logic in .NET MVC applications.
- Enabled cloud based ETL processing by integrating SSIS with Azure Data Factory, enhancing overall scalability, reliability, and performance of data workflows.

**Software Engineer | Wells Fargo at Capgemini**, India                                      Jul 2021 - Aug 2022
- Followed Agile processes to optimize project lifecycle efficiency, achieving a 15% reduction in sprint timelines and a 25% improvement in workflow efficiency.
- Led legacy system migrations to .NET Core 6.0, utilizing Docker and YAML configurations for deployment in PCF, resulting in improved performance and scalability of applications.
- Deployed applications with strong, reusable components by applying data structures and algorithms for enhanced low-latency performance.
- Engaged closely with the Product Owner to align on requirements, ensuring high satisfaction ratings and delivering low-latency, high-performing end-products.
- Executed SQL queries to optimize resource management, identifying inefficiencies in systems and eliminating inactive Job and Message Queue IDs.
- Enhanced the user interface by integrating the Bootstrap framework, focused on high-performance interaction with front-end technologies like HTML, CSS, and JavaScript.
- Designed and Developed Web-API'S for Micro services.
- Implemented Repository pattern using Interfaces and Unity (Dependency Injection) in C#.
- Plans and coordinates the administration of PostgreSQL databases to ensure accurate, appropriate, and effective use of data, including database definition, structure, documentation, long range requirements, and operational guidelines.
- Used Red Mine/JIRA as management tool and TFS, Visual SVN, GIT as a version control.
- Developed solutions for diverse programming scenarios in **C#**, employing Object Oriented Programming (**OOPS**) concepts such as encapsulation, inheritance, polymorphism, and abstraction.
- Developed Agile Software Development methodologies to enable efficient and effective high-quality software development.
- Built reusable PL/SQL packages to streamline database operations for modular, scalable MVC application development.

**Junior Software Engineer |Opland Technologies,** India                                      Sep 2020 - May 2021
- Developed Agile Software Development methodologies to enable efficient and effective high-quality software development.
- Developed robust RESTful APIs for SAP systems, ensuring seamless data integration with the JavaScript front-end and driving a 60% increase in user engagement within the first month.
- Proactively identified and resolved critical production bugs, resulting in a 40% decrease in customer complaints and a 30% improvement in customer satisfaction.
- Worked on Software Development Lifecycle (SDLC) starting from Requirements, gathering, and performing objects-oriented analysis, design, and implementation.
- Effectively used master pages to create consistent layout for the ASP.NET, C#.Net web pages and merged them with content pages.
- Involved in SOAP and Restful web services using SOAP UI, axis client.
- Developed Stored Procedures, Triggers, and Views in SQL Server 2012 for accessing the database.
- Implemented the business logic in the middle tier using C#.NET.
- Experience on Entity-Framework for Object-Relational Mapping (ORM).
- Expertise in designing and developing Windows based applications and Web based applications using.NET Core, MVC, ASP.NET, VB.NET, ADO.NET, C# and SQL Server.
- Expertise in using MVC/Razor design patterns in developing scalable, standards-based web applications.

**Education**

**University of Cincinnati**
Masters, Information Technology, **Achievements: GPA: 4/4**
**JNTUH**
Bachelors, Computer Engineering, **GPA: 3.6/4**