

ARULKUMAR MUTHUSAMI

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SUMMARY

Dedicated Full Stack .NET Developer with 3+ years of experience building and maintaining critical ERP modules using ASP.Net,.NET Core 8, WPF, and SQL Server. Proven track record in troubleshooting, performance optimization, and API integration to ensure smooth and secure data exchange. Highly skilled in delivering comprehensive backend and frontend solutions and leveraging AWS S3 and Azure DevOps for efficient system maintenance and deployment.

WORK EXPERIENCE

Software Developer

Spac Softwares, Tamil Nadu, India

May 2024 - Present

- **Engineered** and optimized core ERP modules using .NET Core 8, C#, and WPF, successfully replacing a vendor solution and saving an estimated 60% from the annual IT budget on licensing fees.
- **Designed and Deployed** 3 highly-scalable RESTful APIs for seamless integration with third-party systems, supporting 200+ daily users and reducing data exchange latency by 15%.
- **Streamlined** back-end stability by implementing automated tasks (dynamic schema updates) and resolving 95% of high-priority production bugs, which reduced deployment risks significantly.
- **Accelerated** the solo development pipeline by establishing rigorous coding standards and leveraging Git for robust version control, which reduced personal debugging and integration time by an estimated 10%.

Associate Developer

Laserbeam Software, Tamil Nadu, India

June 2022 - February 2024

- **Engineered** and maintained high-security ASP.NET applications in C#, handling full-stack development from HTML/CSS/JavaScript frontend to robust backend services, ensuring stable operations.
- **Optimized** complex SQL Server queries and stored procedures, resulting in an estimated 40% reduction in critical database report generation time and enhancing overall performance.
- **Secured** application access by implementing authentication mechanisms and proactively resolved production issues; concurrently managed and coordinated AWS S3 handling for external reporting.
- **Drove project efficiency** within an Agile environment by utilizing Jira for effective task tracking and collaborating across teams to ensure the timely delivery of high-quality solutions.

Full-stack Developer Intern

Wisetech Source, TamilNadu, India

April 2022 - June 2022

- **Executed** full-stack development by building a fully functional CRUD-based web application using ASP.NET Core MVC and SQL Server, establishing a strong foundation in the .NET ecosystem.
- **Accelerated development cycle** by actively assisting with application troubleshooting and debugging, laying a foundational skillset for application support and error resolution.

SKILLS

Programming Languages: C#, SQL, JavaScript, HTML, CSS

Frameworks & Libraries: .NET 8, ASP.NET Core, JQuery, Ajax, Entity Framework Core, Web API, LINQ, WPF, XAML

Databases: Microsoft SQL Server, Stored Procedures, Views, Triggers, Performance Tuning

Cloud Platforms: Azure (DevOps check-ins), AWS S3

DevOps & Tools: Git, Azure DevOps, Postman, Visual Studio, VS Code

Security & Authentication: JWT, OAuth2.0, Role-based Access Control

Methodologies: Agile/Scrum (Jira)

EDUCATION

Bharathidasan University (Periyar E.V.R. College, Autonomous)

Tiruchirappalli, Tamil Nadu, India

Bachelor of Science in Physics

June 2017 – March 2020

CERTIFICATIONS

- .NET Core 8 WebAPI with Entity Framework Core
- ISO 27001:2013 - Awareness Workshop