

ARULKUMAR MUTHUSAMI

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SUMMARY

Dedicated .NET Developer with 3+ years of experience in building and maintaining ERP modules using ASP.NET, .NET Core 8, WPF, and SQL Server. I have worked on web development, 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

- Replaced a costly vendor ERP solution by engineering and optimizing core modules using .NET Core 8, C#, and WPF, generating an estimated 60% reduction in the annual IT budget through licensing fee savings.
- Architected and deployed three highly-scalable RESTful APIs for seamless integration with critical third-party systems, successfully supporting 200+ daily users and cutting data exchange latency by 15%
- Enhanced back-end stability and mitigated deployment risks by implementing automated tasks (dynamic schema updates) and resolving 95% of all high-priority production bugs.
- Accelerated the solo development pipeline by establishing rigorous coding standards and leveraging Git for robust version control, which decreased personal debugging and integration time by 10%.

Associate Developer

Laserbeam Software, Tamil Nadu, India

June 2022 - February 2024

- Delivered high-security, full-stack applications using ASP.NET, C#, and JavaScript, successfully managing all aspects from frontend development (HTML/CSS) to robust backend services.
- complex SQL Server queries and stored procedures, reducing critical database report generation time by 40% and significantly enhancing overall system performance.
- Secured application access by implementing robust authentication mechanisms, proactively resolved critical production issues, and managed AWS S3 resources for external reporting data.
- Drove project efficiency within an Agile framework by leveraging Jira for task tracking and collaborating cross-functionally to ensure the timely delivery of high-quality, stable solutions.

Trainee Software Developer

Wisetech Source, TamilNadu, India

April 2022 - June 2022

- Developed a full-stack, CRUD-based web application using ASP.NET Core MVC and SQL Server, establishing proficiency in the .NET ecosystem and core web architecture.
- Accelerated the development cycle by actively contributing to application troubleshooting and debugging, significantly strengthening foundational skills in 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(Thanthai Periyar Govt Arts and Science College)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