

ARULKUMAR MUTHUSAMI

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SUMMARY

Dedicated .NET Developer (3+ years) specializing in C#/.NET Core 8, Winform, and ASP.NET API/Web development. Expert in full-stack implementation including HTML/CSS/Tailwind and complex T-SQL/SQL Server optimization. Proven mastery of Agile/Scrum and engineering standards (e.g., SOLID principles). Demonstrated stability: resolved 95% of high-priority production bugs and achieved a 40% report time reduction. Proficient with Git, Azure DevOps, secure API architecture, and ready to immediately contribute to a demanding environment.

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, Winforms, 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