

# ARULKUMAR MUTHUSAMI

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<https://github.com/ARULKUMAR0106> - India - Ready to relocate

## 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