VIMAL KUMAR R

📞 +91 9080392234 ✉ vimalkumarr0311@gmail.com

SUMMARY

Skilled C Sharp and API Developer with over 3+ years of hands-on experience building scalable and secure web applications and RESTful APIs using ASP.NET Core and C Sharp. Proficient in designing clean backend logic, integrating databases with T-SQL and Entity Framework, and delivering high-quality solutions that meet business requirements. A collaborative team player committed to clean code and modern software practices.

Education

Kamaraj College of Engineering & Technology   **Virudhunagar**
B.E. – Computer Science Engineering   *2021*

Nadar Higher Secondary School   **Rajapalayam**
XII – Higher Secondary   *2017*

Nadar Higher Secondary School   **Rajapalayam**
X – Secondary School   *2015*

Technical Skills

Languages: C#, T-SQL
Frameworks: .NET Core, ASP.NET Core, Entity Framework Core
API Technologies: RESTful APIs, Swagger, Postman, JSON, XML
Tools: Visual Studio, SSMS, MongoDB

Professional Experience

Ramco Systems   **Chennai**
Software Engineer I   *July 2021 – Present*

- Designed and developed RESTful APIs using ASP.NET Core and C Sharp for business-critical systems.
- Integrated SQL Server using Entity Framework Core and optimized queries using T-SQL.
- Implemented API documentation using Swagger and performed endpoint testing via Postman.
- Secured APIs using JWT authentication and followed best practices for token validation.
- Refactored legacy .NET components to modern ASP.NET Core architecture, improving maintainability.
- Wrote unit and integration tests using xUnit and Moq to ensure code quality.
- Participated in Agile sprints, daily stand-ups, and code reviews for collaborative development.

Projects

License Manager | *C#, .NET Core, Entity Framework Core, JWT*   **March 2024 – Present**

- Designed and implemented RESTful APIs for license management (creation, validation, renewal, expiration).
- Developed database schema and licensing policies using Entity Framework Core for seamless data handling and migrations.
- Implemented JWT and OAuth authentication mechanisms to secure communication.
- Developed business logic for license issuance, expiration checks, and renewal processes.

Ramco Virtual Works Installer | *C#, .NET Core API, SQL Server*   **February 2023 – Present**

- Provided development, testing, and debugging support for desktop and web-based applications.
- Assisted project managers with defining detailed specifications and system design.
- Developed and maintained middleware programs for Windows desktop and web-based applications.

SQL Studio | *C#, .NET Core, SQL Server, JWT*   **March 2025 – Present**

- Developed RESTful APIs using .NET Core for managing SQL query requests and approval workflows.
- Implemented RBAC for user authorization, distinguishing between admins and support engineers.
- Integrated JWT authentication for secure communication between the frontend and backend.
- Monitored and logged query execution for auditing and compliance purposes.

Languages

Tamil (Native)

English (Professional Proficiency)