

AHAMED ASLAM

Full Stack .NET Engineer

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SUMMARY

Backend-focused **.NET Engineer** with hands-on experience building secure, scalable **enterprise applications** using **ASP.NET Core**, **SQL Server**, and **Azure**. Strong background in developing **REST APIs**, **multi-tenant systems**, and **authentication and authorization**. Experienced in telecom and financial domain projects for **Etisalat UAE** and integrating **AI features** into backend systems. Comfortable working in **Agile** teams and supporting production-ready applications.

EXPERIENCE

Software Engineer <i>Efforts Solutions – UAE (Remote)</i>	Nov 2023 – Present Client: <i>Etisalat</i>
<ul style="list-style-type: none">Developed web applications using .NET, SQL Server, and Angular. Implemented RESTful APIs for backend servicesCollaborated with front-end developers and participated in code reviewsOptimized database queries and application performance, resulting in faster load times and improved scalabilityLed debugging and troubleshooting efforts, resolving critical production issues and ensuring system stabilityManaged project timelines and coordinated with cross-functional teams to ensure timely deliveryConducted end-to-end testing to ensure that all functionalities were working correctly	
Software Engineer <i>Bucca Tech</i>	Apr 2023 – Nov 2023 <i>Cuddalore, IN</i>
<ul style="list-style-type: none">Developed and maintained SQL databases and queries using SQL ServerConducted code reviews to maintain SQL coding standards and data integrityBuilt a simple Android application in Android Studio for fleet managementParticipated in database design and query optimization efforts to ensure high-performance data retrievalCompleted daily tasks that included monitoring database performance, executing backup procedures, and troubleshooting data-related problems to ensure uninterrupted system operations	
Software Developer Trainer <i>Uniq Technologies</i>	Sept 2022 – Apr 2023 <i>Chennai, IN</i>
<ul style="list-style-type: none">Designed and developed training curriculum, courses, and learning materials for software development topics, with a focus on Python programming languagesKept curriculum updated with the latest industry trends, technologies, and best practices, specifically in Python development	
Internship <i>Shiash Info Solutions Pvt. Ltd.</i>	Jun 2022 – Aug 2022 <i>Chennai, IN</i>
<ul style="list-style-type: none">Gained hands-on experience in Python and completed several projects showcasing proficiency in the languageAcquired practical knowledge of Agile methodologies and Scrum practices in a team environmentCollaborated with the development team to design and implement new features and functionalities, leveraging both Java and Python as needed	

EDUCATION

PIT (Anna University) <i>B.Tech in Information Technology – CGPA: 8.14/10</i>	Aug 2018 – Jul 2022 <i>Chennai, IN</i>
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SKILLS

Backend: ASP.NET Core, Web API, Entity Framework Core
Databases: SQL Server, Oracle DB
Cloud: Render, Azure App Service
Security: JWT, OAuth2, Role-Based Access Control (RBAC)
Architecture: Multi-Tenant Systems, REST APIs, Microservices
Languages: C#, Java, Python
Frontend (Exposure): Angular
Version Control: GitHub, Bitbucket

PERSONAL PROJECTS

AI-Enabled Multi-Tenant Task Management System | [Documentation](#) | [GitHub](#)

- Built a secure **multi-tenant** task management application using **ASP.NET Core**, ensuring each tenant's data is safely isolated
- Added an **AI chatbot** that allows users to manage and query their **tasks in natural language**, fully tenant-aware
- Prepared AI input by combining user tasks and recent chat history while ensuring strict tenant data privacy
- Implemented secure **login and access control** using **JWT, OAuth2, and ASP.NET Core Identity**, including refresh tokens
- Created a **role-based access system** (Admin/User) to manage user permissions and visibility
- Followed **clean code practices** and a layered architecture (Controller, Service, Repository) for maintainability
- Added **filtering, sorting, and pagination** to optimize data handling
- Used **structured logs** with request IDs for easy tracking and debugging of API and AI requests
- Deployed the application to **Render** and **Azure App Service** for cloud availability and scalability
- Used **AI developer tools** (Aider, Claude Code) to accelerate development, refactor code, and improve readability, while retaining ownership of core logic
- **Tech Stack:** C#, ASP.NET Core, Entity Framework Core, SQL Server, Render, Azure App Service

Pschool-Management-System | [GitHub](#)

- Built a **full-stack** school management system using **ASP.NET Core Web API** and **Blazor WebAssembly**
- Implemented modules for students, parents, and attendance with a **responsive UI**
- Used **Entity Framework Core** and **SQL Server** for data management
- **Tools Used:** C#, ASP.NET Core, Blazor, Entity Framework Core, SQL Server, Visual Studio

Gen-AI-Project-Using-Llama3.1-AI-Project | [GitHub](#)

- Developed a **cold email generator** using **Llama3.1**, an advanced **AI model**. The project focused on creating high-quality, personalized email content to streamline outreach efforts and improve engagement rates
- Role involved designing the backend to integrate the **AI model**, managing **API interactions**, and ensuring smooth functionality across the application
- **Tools Used:** Python, VectorDB, Llama3.1 model

PROJECTS

Web Based Reporting Reconciliation System (WRRS)

- As part of a financial application **modernization** initiative, contributed to the redesign of WRRS—an internal banking system used for **transaction reconciliation** and **regulatory reporting**
- The project involved migrating the legacy system to a **modern architecture** using **Angular** for the frontend and **.NET Core** for the backend, with a focus on improving **performance**, user experience, and long-term maintainability
- **Tools Used:** Angular, .NET Core, SQL Server, Microservices, APIs, OOPS, SDLC

Aani Portal

- Implemented external **EPG API integration** to facilitate refund requests, track refund status, and ensure reliable settlement updates
- **Tools Used:** Spring Boot, Angular, Oracle DB, Microservices, APIs

Merchant Integration System (MIS)

- As a **Backend Developer**, contributed to the MIS project by focusing on the development and support of **backend services** for the merchant integration, certification, and onboarding processes
- **Tools Used:** Spring Boot, Angular, Oracle DB, Microservices, APIs

Certificate Management System (CMS)

- As a **Backend Developer**, was involved in the development of the Certificate Management System (CMS), a key component of the **Centralized Monitoring System**. This project focused on managing **digital certificates**
- **Tools Used:** Spring Boot, Angular, Oracle, Microservices, APIs