AHAMED ASLAM

Backend / Full Stack .NET Engineer

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Dubai | Indian National | Visit Visa | Available Immediately

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   **Nov 2023 – Present**
Efforts Solutions – UAE (Remote)   *Client: Etisalat*
- Designed and developed secure **telecom-grade backend services for Etisalat** using **ASP.NET Core**, **SQL Server**, and **Angular**. Implemented **RESTful APIs** for backend services
- Collaborated with front-end developers and participated in **code reviews**
- Optimized **database queries** and application **performance**, resulting in faster load times and improved **scalability**
- Led **debugging** and **troubleshooting** efforts, resolving critical production issues and ensuring system stability
- Managed project timelines and coordinated with **cross-functional teams** to ensure timely delivery
- Conducted **end-to-end testing** to ensure that all functionalities were working correctly

Software Engineer   **Apr 2023 – Nov 2023**
Bucca Tech   *Chennai, IN*
- Developed and maintained **SQL databases** and queries using **SQL Server**
- Conducted **code reviews** to maintain SQL coding standards and data integrity
- Built a simple **Android application** in **Android Studio** for fleet management
- Participated in **database design** and **query optimization** efforts to ensure high-performance data retrieval
- Completed daily tasks that included monitoring database performance, executing **backup procedures**, and troubleshooting data-related problems to ensure uninterrupted system operations

Software Developer Trainer   **Sept 2022 – Apr 2023**
Uniq Technologies   *Chennai, IN*
- Designed and developed training curriculum, courses, and learning materials for software development topics, with a focus on **Python** programming languages
- Kept curriculum updated with the latest industry trends, technologies, and best practices, specifically in **Python** development

Internship   **Jun 2022 – Aug 2022**
Shiash Info Solutions Pvt. Ltd.   *Chennai, IN*
- Gained hands-on experience in **Python** and completed several projects showcasing proficiency in the language
- Acquired practical knowledge of **Agile methodologies** and **Scrum** practices in a team environment
- Collaborated with the development team to design and implement new features and functionalities, leveraging both **Java** and **Python** as needed

EDUCATION

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

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

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