

Md Fahim Alam

Full Stack Developer



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📍 Sarulia, Demra, Dhaka-1361

📅 11/10/2000

🌐 Md. Fahim Alam

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📄 PROFILE

Result-driven Full Stack Developer with over a year of professional experience designing, building, and maintaining robust enterprise web applications. Specialized in backend engineering using ASP.NET Core (up to .NET 10), Clean Architecture, and CQRS patterns. Proven track record in optimizing relational databases, developing secure RESTful APIs with JWT authentication, and integrating modern frontend frameworks like Angular 20 and Next.js. Passionate about scalable software design, performance optimization, and clean code principles.

🧠 SKILLS

Programming language

C#, JavaScript (ES6+), TypeScript, C++, PHP

Backend Frameworks & Patterns

ASP.NET Core API / MVC, NestJS, CQRS, Clean Architecture, MediatR

Frontend Frameworks

Angular 20, Next.js, AngularJS, TailwindCSS, HTML5/CSS3

Databases & ORMs

SQL Server (SSMS), PostgreSQL, MySQL, Entity Framework Core

Tools, DevOps & Platforms

Git, Visual Studio, Postman, IIS, Azure, SignalR

🎓 EDUCATION

BSc. in Computer Science and Engineering

American International University-Bangladesh

2020 – 2024

CGPA: 3.42 / 4.00

Higher Secondary School Certificate

Dhaka Imperial College

2017 – 2020

Secondary School Certificate

Ma Memorial Model Academy

2005 – 2017

📁 PROFESSIONAL EXPERIENCE

SoftFlames Ventures

Software Engineer

12/2025 – Present | Mitchell ST, Detroit, MI, United States, Michigan

- **Architecture:** Designing a Modular Monolith hospital platform and an ASP.NET Core 10 HRM module using Clean Architecture and CQRS (MediatR).
- **AI & Machine Learning:** Training custom intelligence models using Python, TensorFlow, and NumPy to automate data pipelines and operational workflows.
- **Full-Stack Engineering:** Developing responsive Angular 20 interfaces, featuring a secure, custom QR-code-based employee attendance tracking module.
- **Backend Optimization:** Architecting high-throughput RESTful APIs, optimizing Azure SQL schemas, and implementing asynchronous bulk file/image processing.

Intelsense.ai

Junior .NET Developer

02/2025 – 08/2025 | Dhaka, Bangladesh

- Maintained and enhanced a **Warehouse Management ERP system** as the sole backend developer.
- **Fixed 29 critical and minor bugs** and implemented several new features to improve system functionality.
- Worked with ASP .NET MVC and SQL Server for backend development, JWT authentication, and database optimization.
- Collaborated with the product team to deliver updates on time and ensure smooth ERP performance.

One ICT Ltd.

Software Developer Intern

10/2023 – 01/2024 | Dhaka, Bangladesh

- Assisted in building the **oneERP system** using ASP .NET and AngularJS.
- Created dynamic reports with Crystal Reports and maintained SQL Server databases.
- Collaborated with the team in an Agile environment to deliver enterprise modules on schedule.

📁 PROJECTS

AI-Chatbot

AI-Powered Real-Time Chatbot backend with .NET Core API, SignalR & Tavily AI

- **GitHub**

Employee Management System

Employee Management REST API with using ASP.NET Core 7, Entity Framework, and MSSQL

- **GitHub**

Electric Garage Management System

Mini ERP system for garage management - ASP.NET Core MVC 8

- **GitHub**

NextJS & NestJS – UMS

Student Portal

Backend **Frontend**

🏆 HACKATHONS & COMPETITIONS

Brain Station 23, Hackthow Power By Dynamic Solution Innovators LTD

Team Hack Crew - Porte Boshbo

01/2023 | Sylhet, Bangladesh

- **Using ASP .NET**

Pathao-like platform for personalized online tutoring. Pay per topic and session duration.

NASA Space Apps Challenge Organized by BASIS

Team Novochari – Galactic Problem Solver

10/2022 | Dhaka, Bangladesh

- **Project Link**