

Kibria Islam

Software Engineer L-2 | Backend Specialist

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PROFESSIONAL SUMMARY

Software Engineer L-2 with **4+ years** architecting scalable backend systems using **ASP.NET Core** and **RESTful APIs**. Led initiatives significantly improving performance, reducing costs substantially, achieving **high uptime** for platforms serving **10,000+ users**. Expert in **system design**, **Clean Architecture**, cloud solutions. **Technical leadership**: Mentoring engineers, establishing best practices.

WORK EXPERIENCE

Software Engineer L-2 Vector360

October 2023 – Present
Dhaka, Bangladesh (Hybrid)

- Built **DistribuSync ERP (10,000+ users, high uptime)** and government platforms **SmartKrishok (50,000+ farmers)** and **E-waste Management** using **ASP.NET Core 8** and **Clean Architecture**
- Designed **REST APIs** (versioning, rate limiting, caching, Swagger) for **multi-tenant SaaS (500+ tenants)**; implemented **JWT/OAuth 2.0** and **OWASP-aligned** security
- Owned **AWS/DigitalOcean + Nginx + CI/CD**; significantly reduced release time and errors; improved throughput substantially; achieved **high test coverage**
- Mentored **junior developers** to build **RESTful APIs**, established coding standards, and led architecture reviews

Software Engineer Reserveit

August 2022 – September 2023
Dhaka, Bangladesh (On-site)

- Refactored legacy codebase and made the **Reserveit** platform production-ready; introduced **Clean Architecture** and **CQRS**
- Built **multi-tenant** booking, payment, and notification systems on **.NET 6**; delivered **REST APIs** with robust error handling and docs
- Optimized **EF Core** queries significantly and implemented scalable architecture for key domains

Junior Software Engineer Belaface Ltd

October 2021 – July 2022
Dhaka, Bangladesh (On-site)

- Developed **RESTful APIs** using **Django/Python** and **PostgreSQL** for e-commerce: product catalog, orders, authentication
- Built API endpoints for mobile/web apps. Optimized queries and caching, improving response times. Significantly reduced critical bugs

PROJECTS

Subscription & Membership Management SaaS Personal | Open Source

2025
GitHub

- ASP.NET Core 8** multi-tenant SaaS with **Clean Architecture**, **CQRS** (MediatR), **SignalR** real-time, **Hangfire** jobs, **Serilog** logging. **Comprehensive test coverage**

DistribuSync - Enterprise ERP Vector360

2024-2025
Production

- Comprehensive ERP: inventory, HR, finance modules. API Gateway, indexing, audit trails. **10,000+ users, high uptime**

SmartKrishok & E-waste Management Vector360 | Government

2024
Production

- SmartKrishok**: Backend for **50,000+ farmers** - real-time market prices, weather data. **E-waste Management**: Tracking, reporting, compliance. Both using **ASP.NET Core** and **RESTful APIs**

ReserveitBD - Reservation Platform Reserveit

2022-2023
Production

- Multi-tenant reservation platform with booking, payment, and notification systems. Built using **ASP.NET Core 6**, **Clean Architecture**, **CQRS** patterns. Optimized database queries, significantly reducing execution time

AWARDS & RECOGNITION

- Engineer of the Month (Nov 2025)** - ERP: Significant automation improvements, exceptional uptime
- Engineer of the Month (Apr 2025)** - API: Enhanced stability and user satisfaction
- Quarterly Excellence (Q3 2024)** - Outstanding performance, high-impact projects

TECHNICAL SKILLS

Backend & Languages:

ASP.NET Core (6/7/8), **C#**, **RESTful API**, **Microservices**, **EF Core**, **LINQ**, **SignalR**, **Python**, **Django**

API & Integration:

Versioning, Rate Limiting, Caching, Swagger/OpenAPI, API Gateway

Architecture & Patterns:

System Design, Clean Architecture, CQRS (MediatR), Repository, SOLID, Design Patterns

Databases:

PostgreSQL, MySQL, Redis, Indexing, Query Optimization

Security:

JWT, OAuth 2.0, OWASP, Encryption, API Security

DevOps & Cloud:

AWS (EC2, S3, RDS), DigitalOcean, Docker, CI/CD, Nginx, Linux, Git, Git Workflows

Testing & Quality:

xUnit, Integration Testing, High Coverage, Test-Driven Development

Methodologies & Tools:

Agile, Scrum, Code Reviews, Hangfire, Serilog, MediatR

DIGITAL SKILLS

Programming: Expert

API Development: Expert

System Design: Expert

Database Management: Advanced

Cloud Computing: Advanced

DevOps: Advanced

EDUCATION

B.Sc. Software Engineering

Daffodil International University
2016 – 2021

HSC (Science) - B A F Shaheen College
(2013 – 2015)

CERTIFICATIONS

SystemsExpert (AlgoExpert.io - 2025)

MLExpert (AlgoExpert.io - 2025)

LANGUAGES

Bangla: Native (C2)

English: Proficient (C1)

ADDITIONAL INFO

Remote work available | Flexible time zones | Seeking visa sponsorship | Willing to relocate