

Mizanur Rahman

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SUMMARY

Software Engineer with **4+ years** of experience building secure, fault-tolerant backend systems, microservices, and B2B API integrations for high-availability, transaction-heavy platforms. Specialized in **.NET Core / ASP.NET Core**, with deep domain expertise in **Online Travel Agency (OTA)**, **Food delivery systems**, and **Job Searching Platform**. Proven track record of optimizing performance, reliability, and database efficiency at scale to drive measurable business outcomes.

TECHNICAL SKILLS

Backend : C#, .NET Core, ASP.NET MVC, EF Core, Dapper, LINQ, API Integration, REST APIs, SOAP

Architecture : Microservices, Clean Architecture, CQRS, Multi-tenant SaaS, Event-Driven Design

Messaging & Caching : RabbitMQ, Kafka, Redis, Hangfire

Frontend : Angular, TypeScript, JavaScript, React, HTML/CSS, Bootstrap

Database : MSSQL Server, PostgreSQL, MongoDB, Redis

DevOps & Observability : Docker, Git, GitHub, GitHub Actions, GitLab CI/CD, APM, Elasticsearch

Testing : xUnit, MSTest, Jasmine, Postman, JMeter, k6

EXPERIENCE

TechnoNext Software Ltd. (Concern of US-Bangla Group)

Apr. 2024 – Present

Software Engineer

Dhaka, Bangladesh

Online Travel Agency: A multi-tenant OTA platform that enables travel agencies to search, compare, book, and manage flights, hotels, holiday packages, and other travel services.

Tech-Stack: Microservices, .NET Core, Dapper, Angular, React, MSSQL Server, MongoDB, RabbitMQ

- Built scalable software solutions for **6 OTA clients** including TripLover, TravelChamp, FirstTrip, TakeTrip, TakeOff, & TripLover Dubai.
- Contributed to the OTA dynamic ecosystem comprising **36+ services**, ensuring scalability, high availability, and fault tolerance.
- Architected and led development of a **multi-tenant OTA SaaS** project supporting both **B2B & B2C** business models, enabling a single codebase to serve multiple clients with isolated configurations.
- Built an automated **API integration test suite** using **xUnit** for **30+ supplier integration projects**, ensuring consistent API behavior and accelerating release validation.
- Led the **migration** of the core database from **SQL Server to PostgreSQL**, reducing licensing costs and improving cross-platform compatibility on Linux infrastructure.
- Integrated **APM** monitoring with **Elasticsearch**-based structured **logging**, cutting production failure rates by **30%** and dramatically reducing mean-time-to-debug.
- Developed a background service using **ASP.NET Core & Hangfire** that automatically cancels un-ticketed bookings before the last ticketing time, reducing ADM penalties by **\$4,500–\$6,400/month** per OTA and saving approximately **\$23,000–\$27,000** overall across 6 clients.
- Implemented key OTA features — **Progressive Search**, **Search Ranking**, **Universal Split PNR**, **Refund Reissue**, **PNR Details**.
- Delivered cloud-native **8** supplier integration projects (**Sabre**, **Travelport**, **Travelport NDC**, **Air India**, **Flydubai**, **SQ NDC**, **TK NDC**, & **Indigo**), increasing flight search feed by **27%**.
- Migrated **8** legacy .NET Framework applications to .NET Core, enabling **cross-platform** deployment on **Linux servers** and reducing infrastructure costs by eliminating Windows Server licensing.
- Contributed to **CI/CD pipelines** and **code reviews**, and supported **onboarding** & mentoring of new team members.

Foodi : A food delivery platform that enables customers to browse restaurants, place orders, make payments, and track deliveries in real time.

Tech-Stack: Microservices, .NET Core, EF Core, Go, Node.js, PostgreSQL, React, RabbitMQ, Kafka

- Improved API response time by implementing a **read/write Redis caching** strategy for better scalability
- Designed and developed the **Engagement Automation** feature for Foodi-CRM to streamline customer & operation team communication workflows.

Fare Comparison: An airline fare intelligence platform that enables airlines to compare competitors' real time fares, flight schedules, and seat availability, providing data-driven pricing recommendations to maximize revenue and profitability.

Tech-Stack: .NET Core, Hangfire, EF Core, React, PostgreSQL

- Designed and developed the end-to-end platform, delivering a scalable and responsive web application.
- Integrated multiple GDS, NDC Suppliers to aggregate competitor fares, flight schedules, and seat availability, normalizing data for accurate comparison and analysis.
- Engineered pricing-intelligence logic to analyze market data and generate data-driven fare recommendations, helping airlines optimize ticket pricing and maximize revenue.

Bdjobs.com Ltd.

May 2023 – Mar. 2024

Jr. Software Engineer [Verify]

Kawran Bazar, Dhaka

Bdjobs.com & Recruiter.Bdjobs.com : Platforms that connects job seekers with employers by enabling job posting, job search, application management, resume submission, and recruitment workflows.

- Collaborated with **product, backend & QA teams** to migrate **Bdjobs.com** corporate panel from legacy ASP to Angular and ASP.NET Core, enhancing platform functionality and performance
- Developed key features — **Employers Job Posting and Hiring System** and **Candidate SkillMatch Score**, increasing platform sales by **17%**
- Implemented a **CQRS-style architecture** with an **ETL pipeline** separating read/write databases for job listings; **database query optimization** reduced query time and improved search efficiency by **30%**.

E-Desh Limited

May 2022 – Feb. 2023

Jr. Software Engineer (Part-Time) [Proof]

Remote

Courier Platform: A comprehensive logistics platform that streamlines parcel booking, real-time tracking, last-mile delivery, reverse logistics, fulfillment, and cross-border shipping through a centralized management system.

- Collaborated with a team of remote developers to design and develop the company's website using **React** and **ASP.NET Core**
- Crafted front-end (React), built APIs, and optimized existing **codebase & database**, resulting in improved website performance and responsiveness

PROJECTS

Documentation Platform

[Back-End Code](#) & [Front-End Code](#)

- A knowledge-sharing platform that enables users to create, organize, search, and access technical documentation, tutorials, API references, and best practices through a centralized repository.
- Tech-Stack: .NET Core, EF Core, Angular, MSSQL Server

Expense Tracker

[Code](#)

- A cross-platform personal finance application for **Android** and **iOS** that enables users to track cash and credit card expenses, record income, manage budgets, categorize transactions, and monitor spending through interactive reports and analytics. Tech-Stack: Flutter, Firebase

EDUCATION

Hajee Mohammad Danesh Science & Technology University

Jan. 2017 – Jan. 2023

BSc (Eng.) in Information & Communication Technology (CGPA – 3.1/4.0) [Verify]

Dinajpur, Bangladesh

TRAINING AND CERTIFICATIONS

Cloud Architecture Training [Verify]	Bdjobs.com Ltd. & DU IIT	Jun. 2024
Web Design and Development [Verify]	ICT Division, Bangladesh (LEDP)	Feb. 2020
Certified Software Engineer [Verify]	HackerRank	Jan. 2024
Certified SQL (Advanced) [Verify]	HackerRank	Jul. 2026
Certified C# Developer [Verify]	HackerRank	Feb. 2024
Certified JavaScript Developer [Verify]	HackerRank	Jul. 2026
Rest API (Intermediate) [Verify]	HackerRank	Jul. 2026
React Basics [Verify]	Coursera (Meta)	Apr. 2023
Introduction to Back-End Development [Verify]	Coursera (Meta)	Jun. 2023
Introduction to Front-End Development [Verify]	Coursera (Meta)	Feb. 2023