

Mohammadullah Emran

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SUMMARY

Software Engineer with 4+ years building production backend services with C#/.NET and React/TypeScript. Strong in REST API design, microservices, SQL Server performance tuning, and Azure cloud services – recently migrated 80k+ user identities to Okta with zero data loss.

WORK EXPERIENCE

Software Engineer (Site Reliability)

ReliSource

Sept 2024 — Present
Remote (US-based client)

- Design and maintain 6+ .NET Core microservices on Azure Service Bus and App Services, improving reliability by 25%.
- Migrated 80k+ user identities from legacy Sentry DB to Okta (.NET 10, Dapper, Polly) with zero data loss.
- Tuned SQL Server indexing and stored procedures, cutting average query time by ~40% on high-traffic tables.
- Own production observability (New Relic, Application Insights, Seq), improving incident detection and triage.
- Maintain Docker-based CI/CD in Azure DevOps, cutting deployment cycle from 45 to 30 minutes.

Software Engineer

BizzNTek Ltd.

May 2023 — Sept 2024
Dhaka, Bangladesh (Hybrid)

- Developed RESTful APIs in ASP.NET Core for high-traffic web apps, improving page load times by 30%.
- Built core modules of Altios, a workforce management platform serving 2,000+ users, cutting manual tasks by ~40%.
- Integrated Dynamics 365 Business Central APIs for financial analytics with cross-functional teams in Agile sprints.
- Led migration from legacy .NET Framework to .NET 8, cutting Azure hosting costs.

Software Engineer

Apurba Global

Apr 2022 — May 2023
Dhaka, Bangladesh (Hybrid)

- Built “Alo-Bangla Screen Reader,” a Windows tool that reads text aloud for visually impaired users, for government of Bangladesh under ICT Ministry (C#, UI Automation, Win32 DLL).
- Integrated custom IAccessible and Win32 DLL wrappers, raising accessibility compliance from 60% to 90%.

SKILLS

- Backend:** C#, .NET 8/10, ASP.NET Core, Web API, MVC, Entity Framework Core, LINQ, Dapper, SignalR, Microservices
- Frontend:** React, TypeScript, JavaScript, HTML5, CSS3
- Cloud & DevOps:** Azure (App Services, Functions, Service Bus, AKS), Oracle OCI, Docker, Kubernetes, Azure DevOps, GitHub Actions
- Databases:** SQL Server (query tuning, stored procedures, indexing), PostgreSQL, MongoDB, Redis
- Observability & Testing:** New Relic, Application Insights, OpenTelemetry, Serilog, Seq, xUnit, Moq
- Practices:** Git, AI-assisted development (GitHub Copilot, Claude Code), Agile/Scrum, SOLID, Design Patterns

PROJECTS

LendR, .NET 10, React 19, TypeScript, PostgreSQL, SignalR, Docker

- Lending/borrowing tracker with dual transaction modes, built on Vertical Slice Architecture (FastEndpoints + MediatR).
- Real-time SignalR notifications, pluggable multi-cloud storage (Oracle OCI / local), self-hosted VPS deployment.

ClothStore, .NET 10 MVC, PostgreSQL, EF Core, Docker, OpenTelemetry, xUnit

- Full e-commerce platform with 4-role RBAC, dual-mode cart (guest + authenticated), and public order tracking.
- Observability with Serilog + Seq + OpenTelemetry, PDF invoicing (QuestPDF), email (MailKit), xUnit tests.

EDUCATION

American International University-Bangladesh (AIUB)

Bachelor of Science, Computer Science & Engineering, CGPA: 3.63

Dhaka, Bangladesh

2019 — 2022

- Certificates:** Full Stack Observability Practitioner (New Relic, Nov 2024) | SQL Intermediate (HackerRank)