Md. Rohul Amin

Full-Stack Software Engineer | .NET Ecosystem Specialist | Cloud-Ready Developer

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🔗 Portfolio

📇 PROFILE

Full-Stack .NET Engineer with 5+ years of experience delivering scalable, cross-platform applications for web, desktop, and mobile. Proven track record in modernizing legacy systems, reducing operational costs by 30%, and deploying cloud-ready solutions using Azure and .NET MAUI. Skilled in the Microsoft technology stack, cloud architecture (Azure, AWS), and modern frontend frameworks (Angular, VueJS). Currently pursuing an MSc in Innovation & Technology Management to bridge technical execution with business strategy.

💼 WORK EXPERIENCE

Gulf State Software   Aug 2022 – Apr 2025
Software Developer ⍰   Houston, Texas, USA

Key Contributions:
- Rewrote and modularized legacy WPF applications, reducing code complexity and operational costs by 30%.
- Led cross-platform development of warehouse management tools for desktop (WPF), web (Angular), and mobile (Xamarin).
- Designed and implemented diagnostic systems for sensor data automation.
- Introduced DevOps practices via Azure DevOps for CI/CD and deployment.
- **Tech Stack:** C#, .NET Framework, Angular, WPF, .NET MAUI, MSSQL, Azure, Bootstrap

Bangladesh Study Forum (BDSF)   Jan 2015 – Jul 2021
Head of Information and Communication Technology ⍰   Dhaka, Bangladesh

- Built and maintained the organization's digital infrastructure (website, communication tools).
- Led a small IT team to support national-scale events and training programs.
- Developed leadership and public speaking skills through community engagement.

🧠 CORE COMPETENCIES

Languages & Frameworks
C# .NET, .NET Framework, .NET Core, .NET MAUI, WPF, Xamarin, JavaScript, TypeScript, Angular, VueJS, HTML, CSS, Sass

Databases
MSSQL, PostgreSQL, MySQL, Oracle

Business Management
Financial analysis, Market research, Data analysis, Leadership, Strategic planning, Design thinking, Sustainable business models

Cloud & DevOps
Azure, AWS, GCP, Docker, Kubernetes, Jenkins, Azure DevOps, Bash

Tools
Git, GitHub, CI/CD, Agile, RESTful APIs, Windows Server

Soft Skills
Technical leadership, stakeholder communication, cross-functional collaboration

📁 SELECTED PROJECTS

Warehouse Management System ⊡
Aug 2022 – Apr 2025

Cross-platform system for inventory tracking and analytics at Amedig

- Delivered three-tier application (Web, Desktop, iOS) using .NET + Angular
- Integrated Azure services for cloud storage, deployment, and monitoring
- 🔧 *Tech:* .NET Framework, Angular, WPF, Xamarin, Azure, MSSQL

Event Mapping App
Dec 2023 – May 2024

Location-based event discovery app (Android & iOS)

- Built custom Google Maps integration with user authentication and dynamic UI
- Focused on responsive UX and backend integration via Azure + MSSQL
- 🔧 *Tech:* .NET MAUI, Azure, Windows Server, C#

🎓 EDUCATION

Master of Science in Innovation and Technology Management
Vilnius, Lithuania

ISM University of Management and Economics ⊡

Bachelor of Science in Computer Science and Engineering
Dhaka, Bangladesh

International University of Business Agriculture and Technology ⊡

🌐 LANGUAGES

Bangla — Native/Bilingual

English — Fluent

Lithuanian — Basic