

MD Raihanur Rahman

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📍 Dhaka, Bangladesh (open to relocate)

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SKILLS

- **Front-end:** HTML, CSS, JavaScript, TypeScript, Angular, React, Redux.
- **Back-end:** Go (Golang), C++, C#, .NET Core, RESTful API Design (OAuth2, JWT), GraphQL, PostgreSQL, MongoDB.
- **DevOps & Tools:** Git, Docker, Kubernetes, RabbitMQ, CI/CD (GitHub Actions).

EDUCATION

Daffodil International University

Bachelor of Science in Computer Science and Engineering - 3.97 / 4.00

Jan 2016 - Apr 2020

WORK EXPERIENCE

SELISE Digital Platforms

Software Engineer

Mar 2020 - Present

- **Managed** key projects, demonstrating expertise in full-stack development, driving new feature delivery, and resolving complex technical challenges.
- **Improved** the Role Management system, reducing downtime for role permission updates and enhancing operational efficiency by **30%**, benefiting over **300 employees** across the company.
- **Managed** a specialized team to implement a **Core Custom Reporting Module** with cross-country data mapping, streamlining **60%** of business operations related to cost management and profit/loss analysis.
- **Supervised** a team of **7–8 developers** in building a **CRM system**, integrating **PostFinance** for payments, and synchronized data with **Abacus**, improving data accuracy by **20%**.
- **Architected and developed** a modular platform for restaurant operations (ordering, billing, table management) using a multi-tenant architecture that serves multiple restaurants from a single codebase.
- **Integrated** POS synchronization to keep orders and payments consistent across locations where the client uses multiple terminals.

Ekalsutra

Remote Technical Lead (Frontend)

2023 - 2024 (Part-Time)

- **Led** the frontend development team for the **Ekalsutra** portal – a digital platform focused on providing business automation and analytics for educational institutions.
- **Architected** the frontend application structure using modern web technologies (e.g., Angular, TypeScript, RxJS), ensuring scalability and maintainability.
- **Collaborated** with backend and design teams to deliver key product modules with optimized user experience and consistent design patterns.
- **Implemented** reusable UI components and shared state management logic, improving development efficiency across multiple projects.
- **Reviewed** code and mentored junior developers, ensuring best practices and high code quality standards.

PROJECTS

KRAAK (Innocard AG)

2025 - Present

- **Led full-stack development of Kraaak**, a multi-tenant .NET and Angular platform for restaurant management, supporting seamless handling of orders, customer data, staff scheduling, and backoffice tasks across organizations, branches, and locations to streamline gastro operations.
- **Architected scalable backend APIs** using ASP.NET Core and MongoDB, implementing secure multi-tenancy through database schema isolation and role-based access controls, ensuring data privacy and efficient scaling for diverse tenant needs.

Swiss Leaders Platform

2024 - 2025

- Developed and maintained a scalable ERP system serving **50k+ active users**.
- Integrated multiple third-party APIs with secure authentication (OAuth, JWT).
- Developed **ETL workflows** to consolidate data from multiple systems, improving data accuracy and processing speed
- **Optimized MongoDB queries**, improving data retrieval performance and reducing query execution time by **20%**.

Personal Vault

2024 - 2025

Secure Personal File Management System

- Designed and implemented a RESTful backend in Go 1.25 using the Gin framework, structured via Clean Architecture (handlers, services, repositories) for separation of concerns.
- Integrated JWT-based authentication & bcrypt password hashing to provide secure user login/registration and protected file access.
- Developed file and folder operations (upload, download, preview, stream, create folder, view directory contents) with PostgreSQL persistence via GORM ORM and environment-based configuration.
- Built OpenAPI/Swagger documentation, enabling interactive API testing and clear API contracts for frontend or integration use.

System Monitoring Tool

- A CLI-based system resource monitoring tool for tracking CPU, memory, and disk usage in real-time.
- Retrieved system stats via Go with concurrent data fetching.
- For more details about my Go learning journey, please refer to my [portfolio](#).

Competitive Programming & Problem Setting

- Ranked **22nd** in **ACM ICPC Dhaka Regional**, 2019, **among 190+ teams** from Bangladesh.
- Ranked **66th** in **ACM ICPC Dhaka Regional**, 2018, **among 298+ teams** from Bangladesh.
- Accomplished on Codeforces, with a peak rating of **1686**(Handle: [Raihanur_R](#))
- Participated in more than 350 online and onsite contests, and solved 2500+ algorithmic and data structure problems in various online judges.
- Authored technical blogs on Medium, sharing insights on software engineering challenges, including Go concurrency patterns. [Medium Profile](#)