




# Toufiqur Rahman

## Software Developer

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in [LinkedIn](#)  [GitHub](#)  [LeetCode](#)  [Portfolio](#)



### PROFILE

Innovative and detail-oriented software developer with a passion for crafting cutting-edge solutions and committed to continuous learning and staying ahead of the ever-evolving tech landscape.

### PROJECTS

#### Trabill

May 2022 – Jan 2023

*Professional Project: Multi-tenant SaaS for Back-office management*

- Collaborated with front-end developers to implement business logic across **12+** backend **modules**, encompassing critical aspects such as **Authentication** and **Authorization**, **Role-Based Access Control**, and functionalities related to **Accounts**, **Invoices**, **Refunds**, etc.
- Contributed to the design and implementation of database schemas in close collaboration with cross-functional team members.
- Brainstormed, refactored legacy code, and implemented **agile practices** to enhance software development efficiency and quality.
- **Demo Credentials:** Username: trabill, Password: customer

#### Bitdeposit

Feb 2023 – Oct 2023

*Professional Project: Money Exchange and Gaming Platform*

- Contributed to refactoring of existing GraphQL server in modules including in-app **notifications** using **subscriptions**, **file uploads**, **tariff distribution** among business users, and financial features such as deposit, and withdrawal
- Maintained **API Documentation** using Swagger and actively participated in designing Microservice-based architecture with team members, Implemented **API gateway** with **NestJS** framework.

#### Reservation Microservice

*Personal Project: Practice hands-on experience in microservice architecture (NO GUI)*

- First I created a common library using **Abstract Factory Pattern** and implemented **Reservation** CRUD operations with MongoDB.
- Implemented **Authentication**, **Payments**(Stripe), and, **Notifications**(with nodemailer & Gmail) *microservices*.
- Implemented an automated CI/CD pipeline with **CloudBuild** and developed a production Dockerfile & package.json for each microservice

## Project Task Manager

*Personal Project: A Task Management application to assign and lebel tasks in projects*

- Full-stack application like a Project management application built with Next.js, TypeScript, Prisma. Tasks can be assigned to users then filtering, sorting, and pagination are enabled, and a beautiful dashboard to see the recent tasks

### EDUCATION

#### Ahsanullah University of Science & Technology

*BSc. in Computer Science & Engineering*

Sep 2015 – Feb 2021

### AWARDS

#### Second Runner up in Math Olympiad

*Dutch Bangla Bank-Prothom Alo Math Olympiad*

#### Academic Scholarships in School and College

*Dhaka Education Board*

### SKILLS

#### Programming Languages

TypeScript, C++

#### Database and ORM

MySQL, PostgreSQL, Prisma, TypeORM, MongoDB

#### Version Control and CI/CD

Git, Github Actions

#### Operational Command in English

IELTS Score 7.0

#### Server-side (REST API & GraphQL) & Client-side

Express.js, NestJS, Express-GraphQL, React, Next.js

#### Unit Testing and End to end Testing

Jest, Supertest

#### Cloud | Containerization | Orchestration

Google Cloud Platform, Docker, Kubernetes, RabbitMQ, Redis, Socket.io, PubSub,

#### Problem Solving and Debugging

Strong Problem Solving and Analytical Mindset.

### PROFESSIONAL EXPERIENCE

#### Softic AI

*Software Developer*

Feb 2023 – Oct 2023

#### M360 ICT

*Junior Software Developer*

May 2022 – Jan 2023

### CERTIFICATION

#### JavaScript Algorithms and Data Structures

**Certification** 

*FreeCodeCamp*

Mar 2022 – May 2022