



# Khairul Anam Mubin

.NET | Azure | Microservices | Angular | Competitive Programmer

A highly creative and passionate problem solver, participated more than seven international and national programming contests including ICPC. Co-operative and helpful team participant, with ability to think & work under pressure and enjoy coding.

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📄 [khairul-anam-mubin.github.io/portfolio/](https://github.com/khairul-anam-mubin.github.io/portfolio/)

🐙 [github.com/Khairul-Anam-Mubin](https://github.com/Khairul-Anam-Mubin)

## WORK EXPERIENCE

### Software Engineer

#### ReliSource Technologies Ltd.

09/2024 - Present

Dhaka, Bangladesh

Cold chain and logistics, shipment visibility

Tasks & Responsibilities

- Design and developed a shipment visibility platform from scratch.
- Integrate multiple systems and services on event driven architecture.
- Design and implement a custom library for Azure Service Bus to enhance messaging efficiency and reliability.
- Working on various azure services including azure app services, azure SQL, azure service bus, azure functions, azure blob, azure send grid, azure app insights etc.
- Write unit tests and maintain clean code following best practices.

### Software Engineer

#### Orbitax

02/2022 - 09/2024

International Tax Platform, provides complex tax solutions.

Tasks & Responsibilities

- Design, develop & improve core level microservice architecture with both high and low level object oriented design.
- Implement generic solution, dynamic & shared angular components.
- Led a sub-team in designing and developing a comprehensive Human Resource Management (HRM) system, overseeing the architecture, planning, and implementations.
- Third party API integrity, manage packages and libraries.
- Debugging, testing, refactoring and bug fixing.

### Problem Setter & Judge

#### Bangladesh University of Business and Technology.

01/2020 - Present

Tasks & Responsibilities

- Taking Algorithm & Data Structure Class.
- Planning & managing intra-university programming contests.
- Writing & collecting problem-sets and tests the problem datasets.

## EDUCATION

### B.Sc (Engg.) in Computer Science & Engineering

#### Bangladesh University of Business and Technology - Dhaka, Bangladesh

02/2018 - 04/2022

CGPA: 3.31

## SKILLS

Microservices

.Net

Angular

MongoDB

Redis

SQL

RabbitMQ

WebSocket

Unit Test

Git

Identity & Security

State management

GraphQL

Design Patterns & OOP

System Design

Data Structure & Algorithm

Clean Architecture

## ACHIEVEMENTS

### BUBT Programming Contest Winner (2018 - 2020)

Total of 4 times champions in BUBT Intra University Programming Contest.

### International Collegiate Programming Contest (ICPC)-Dhaka Regional Contest Participation (2019 - 2022)

3 times participated

### Inter University Programming Contest and NCPC Participation

Participate more than 7 IUPC and ranked among top 40.

### Codeforces Round

Ranked 360 on a codeforces round and ranked top 20 in Bangladesh.

## PERSONAL PROJECTS

### Chat Application [🔗](#)

- Real time chat application using .Net and Angular
- Modular monolith to microservice architecture and DDD implementation
- Signalr, RabbitMQ, MongoDB, Redis, Sql uses

### Restaurant Management System [🔗](#)

- Desktop application with C#, visual studio and Database MySQL.

### Online Shopping App [🔗](#)

- A android application on e-commerce shopping using JAVA, Firebase

### Bengali Image Captioning (Publication)

- Bengali Image Caption Generation with Deep learning
- Image classification used CNN and attention based architecture

## COMPETITIVE PROGRAMMING

- Solved more than 2000 problems in various online judges including UVA, LightOJ, Codeforces, Codechef etc [🔗](#)

- Solved 480+ problems in UVA online judge. [🔗](#)

- Specialist at Codeforces. Highest rating 1486 and solved 1100+ problems [🔗](#)

- Codechef highest rating 1843 (4\*) [🔗](#)