Khairul Anam Mubin

.NET | Azure | Microservices | Angular | Competitive Programmer

A highly creative and passionate problem solver, participated more then 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/

○ 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 Bangladesh Ltd.

02/2022 - Present
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.

Trainer, Problem Setter & Judge
Bangladesh University of Business and Technology.

01/2020 - 01/2023

Tasks

− 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*) 🔗