

# Murad Hossen

 muradhossen5267@gmail.com |  MrCodeHunter |  codehunter |  +(880)1620260488

## PROFESSIONAL SUMMARY

Software engineer experienced in building web and cloud applications, focused on clean, maintainable code and reliable delivery. Dedicated to continuous learning and disciplined work habits, with a career plan to grow into higher-impact roles—owning complex systems, mentoring peers, and contributing to scalable, user-centered products.

## TECHNICAL SKILLS

**Programming Languages:** C#, C++, Java, JavaScript, TypeScript, Powershell

**Frameworks & Tools:** .NET Core, React, NodeJS, Azure DevOps, Azure Services, Git, Docker, CI/CD

**Cloud:** Azure Entra ID, Logic App, Function App, Application Insight, Log Analytics Workspace, Azure Key Vault

**Other:** Data Structure, Algorithms & Competitive Programming

## WORK EXPERIENCE

### Software Engineer - Cefalo Bangladesh Ltd.

Mar 2022 - Oct 2025

#### Consultant: Cloud Team, KPMG Nordic Technology Service

Aug 2022 - Oct 2025

**nTAAP:** Built nTAAP—an Azure App Services-based automation platform that orchestrates robust workflows—cutting 95% of manual, repetitive work and significantly speeding up service delivery.

**Distributed Systems:** Architected an event-driven microservices system using Azure Service Bus and Redis for decoupled communication and performance.

**Database Architecture & Development:** Designed and integrated a Cosmos Graph DB solution, developing a custom adapter and complex Gremlin queries to enable efficient querying of dynamic data relationships.

**RBAC Based AuthN & AuthZ:** Architected a full-stack RBAC framework, integrating Azure Entra ID with a custom database to enforce granular authentication and authorization.

**Test Engineering:** Led the test automation strategy by designing unit tests with xUnit, achieving more than 90% line and branch coverage, and architecting the end-to-end test process, including test plans, cases, execution, and reporting.

**Cloud Services:** Orchestrated the Azure operational backbone, managing identity, secrets, performance and logging through integrated services including Entra ID, Key Vault, Application Insights and Log Analytics.

### Trainee Software Engineer - Cefalo Bangladesh Ltd.

Mar 2022 - Aug 2022

**Learning:** Accelerated proficiency in various technologies through hands-on development and mentorship from specialized trainers.

**TechTalk:** Developed TechTalk, a full-stack blogging platform with React frontend and RESTful APIs using .NET/Node.js, implementing secure authentication middleware for user verification and resource management.

### Teaching Assistant

Sep 2020 - Aug 2022

Department of Computer Science & Engineering, Jahangirnagar University

- Led technical training programs focused on C, C++, Data Structures, and Algorithms to build a strong foundation for programming contests.
- Managed the training lifecycle by coordinating sessions, designing practice contests, and analyzing performance metrics to ensure continuous skill development.

## EDUCATION

### Jahangirnagar University

Savar, Dhaka

M.Sc. in Computer Science & Engineering

Jul 2022 - Jul 2023

### Jahangirnagar University

Savar, Dhaka

B.Sc. in Computer Science & Engineering

Mar 2017 - Jun 2022

## AWARDS & ACHIEVEMENTS

- **15<sup>th</sup>** in **ICPC Dhaka Regional 2020** Team: jU\_Shantiniketon
- **17<sup>th</sup>** in **ICPC Dhaka Regional 2020 Preliminary** Team: jU\_Shantiniketon
- **23<sup>th</sup>** in **ICPC Dhaka Preliminary 2022** Team: jU\_Amigos

- Participated in more than **20** regional, national, and inter-university Programming Contests
- Ranked **1<sup>st</sup>**(Global) out of **13073** participants in Codechef October Challenge 2018(Division 2)
- Solved over 1350+ programming problems on different online judges
- Organizer, Problem Setter, and Judge of Cub Hunting Programming Contest 2019, the goal of this contest was to encourage junior students of Jahangirnagar University in problem-solving.