

# Curriculum Vitae/Resume

## Ittehad Saleh Chowdhury

Full-Time Lecturer (CSE), BRAC University, Dhaka, Bangladesh  
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### RESEARCH INTERESTS

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Distributed Systems, Networking, Mobile/Edge Computing, Deep Reinforcement Learning, Artificial Intelligence

### EDUCATION

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**University of Dhaka**, Dhaka, Bangladesh Jan 2020 — Dec 2024  
Bachelor of Science: Computer Science and Engineering CGPA: 3.83/4.00 (Top 5% of class)

**Scholarshome School & College**, Sylhet, Bangladesh June 2017 — Apr 2019  
Higher Secondary School Certificate GPA: 5.00/5.00

### TEST SCORES

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IELTS Academic: Overall 8.5 (Listening: 9.0, Reading: 9.0, Writing: 7.0, Speaking: 8.0)

### EXPERIENCE

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**BRAC University** Dhaka, Bangladesh  
*Full-Time Lecturer (CSE)* June 2025 — Present

- Teaching CSE-220(Data Structures), CSE-421(Computer Networks), CSE-422(Artificial Intelligence) courses.
- Competitive Programming instructor for BRAC University Computer Club (BUCC).
- Contributing to research in AI/ML, LLMs and Edge Computing.
- Student Advisor: Helping students plan their career, understand the evolving Computer Science landscape.

**Green University Research Group** Dhaka, Bangladesh  
*Researcher* January 2024 — Present

- Conducting research in networking, mobile/edge computing, and machine learning.
- Collaborating with peers via reading groups, seminars, and research discussions.

**Turing (Contract)** Remote  
*Team Lead* Jan 2024 — June 2025

- Led a team of 35–40 developers to deliver high-quality training data and infrastructure for frontier AI models; led benchmarking campaigns, agentic workflows, and RLHF projects.
- Built and maintained data pipelines for large-scale training; scaled from 0 to a team of 150 developers within weeks and coordinated timely delivery of data to Frontier AI Labs.
- Worked as QA Automation Engineer to maintain data quality.

**C&E** Sylhet, Bangladesh  
*Lead Engineer* Jan 2025 — September 2025

- Led the development of a Laboratory Information System (LIS) and integrated it for advanced diagnostic labs.
- Scaled LIS systems to run thousands of tests per day in an automated environment.

**Amicsoft** Dhaka, Bangladesh  
*Junior Full Stack Engineer* Jun 2023 — Dec 2023

- Contributed to client projects using React, Spring Boot, and Flutter; implemented integration tests.
- Worked as a Test Automation Engineer.
- Took technical interviews for hiring new developers.

### PROJECTS

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**CO-LAB** Dhaka, Bangladesh  
*Developer* 2024

- Web app to showcase user projects.
- Stack: React, JavaScript, FastAPI, Python.

## DormBuddy

Developer

Dhaka, Bangladesh

2023

- Listing/searching for dormitories/hostels.
- Stack: React, Spring Boot, PostgreSQL, Firebase.

## CSEDU Portal

Android Developer

Dhaka, Bangladesh

2022

- Android app for the CSE Dept of Dhaka University: profile management, resources/class schedules.
- Stack: Flutter, Firebase, Dart.

## ProjectZ

Developer

Dhaka, Bangladesh

2020

- Arcade-style collection of several classic retro games.
- Stack: C/C++, SDL.

## PUBLICATIONS

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- Ullah, R.; **Chowdhury, I. S.**; Razzaque, M. A.; Roy, P.; Hassan, M. M. *Federated Deep Reinforcement Learning for Optimal Resource Allocation in Vehicular Edge Computing*. Presented at the *Computing Conference 2025, London, UK*; subsequently published as a chapter in *Springer Lecture Notes in Networks and Systems*. [Springer Link](#)

## AWARDS

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### Dhaka University Dean's Award 2023

Outstanding academic performance in the undergraduate program

Dhaka, Bangladesh

2023

### ICPC Dhaka Regional Placements

16th (2020), 20th (2021), 55th (2024)

Dhaka, Bangladesh

2020-2024

### General Scholarship from the board of Higher Secondary Education

Exemplary performance in the Higher Secondary Board Exam.

Dhaka, Bangladesh

2019

### Bangladesh Mathematics Olympiad (Divisional Round)

Champion(2018), 2nd Runner Up(2017)

Sylhet, Bangladesh

2018-2017

### Bangladesh Physics Olympiad (National Round)

19th(2019), 21st(2017)

Dhaka, Bangladesh

2017-2018

## SKILLS

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- **Programming Languages:** C/C++, Java, Python, JavaScript, Dart, ARM Assembly, SQL
- **Frameworks/Libraries:** React, Flutter, Spring Boot, PyTorch, flwr
- **Databases:** PostgreSQL, MySQL, Firebase, Oracle
- **Testing:** Flutter Integration Test, Pytest
- **Embedded:** ARM Cortex M4, Laboratory Analyzers
- **Interests:** Problem Solving & Algorithms, Software development, AI/ML Research, LLMs, Reinforcement Learning, Edge Computing, Computer Networks

## REFERENCES

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### Dr. Md. Abdur Razzaque, SMIEEE

Professor & Chairman, Department of Computer Science and Engineering, University of Dhaka, Dhaka 1000, Bangladesh

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Scholar Profiles: [Faculty Profile](#) — [Google Scholar](#)

### Dr. Md. Mosaddek Khan

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Scholar Profiles: [Faculty Profile](#) — [Google Scholar](#)