

Curriculum Vitae/Resume

Ittehad Saleh Chowdhury

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

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RESEARCH INTERESTS

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

EDUCATION

University of Dhaka, Dhaka, Bangladesh
Bachelor of Science: Computer Science and Engineering

Jan 2020 — Dec 2024
CGPA: 3.83/4.00 (Top 5% of class)

Scholarshome School & College, Sylhet, Bangladesh
Higher Secondary School Certificate

June 2017 — Apr 2019
GPA: 5.00/5.00

TEST SCORES

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

EXPERIENCE

BRAC University

Dhaka, Bangladesh
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
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) Team Lead

Remote
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
Lead Engineer

Sylhet, Bangladesh
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
Junior Full Stack Engineer

Dhaka, Bangladesh
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

CO-LAB

Developer

Dhaka, Bangladesh
2024

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

DormBuddy <i>Developer</i>	Dhaka, Bangladesh 2023
<ul style="list-style-type: none"> • Listing/searching for dormitories/hostels. • Stack: React, Spring Boot, PostgreSQL, Firebase. 	
CSEDU Portal <i>Android Developer</i>	Dhaka, Bangladesh 2022
<ul style="list-style-type: none"> • Android app for the CSE Dept of Dhaka University: profile management, resources/class schedules. • Stack: Flutter, Firebase, Dart. 	

ProjectZ <i>Developer</i>	Dhaka, Bangladesh 2020
<ul style="list-style-type: none"> • Arcade-style collection of several classic retro games. • Stack: C/C++, SDL. 	

PUBLICATIONS

- 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

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), 21nd(2017)	Dhaka, Bangladesh 2017-2018

SKILLS

- **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

Dr. Md. Abdur Razzaque, SMIEEE
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 Scholar Profiles: [Faculty Profile](#) — [Google Scholar](#)

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