

TASNIM ABRAR SAJIN

+8801945506330 | tasnimabrar2000@gmail.com | linkedin | github | Portfolio

Education

University of Asia Pacific

BSc in Computer Science and Engineering

- **CGPA:** 3.64/4.00 (Till 6th semester)

Dhaka, Bangladesh

Jan. 2023 – Dec. 2026

Birshreshtho Munshi Abdur Rauf Public College

Science

- **GPA:** 5.00/5.00

Dhaka, Bangladesh

Jan. 2018 – Dec. 2020

Technical Skills

Languages: Java, Python, C, JavaScript, HTML, CSS

Frameworks & Libraries: Django

Databases: MySQL, PostgreSQL

Tools: Git/GitHub, PyCharm, VS Code, NetBeans IDE

Core Concepts: DSA, OOP, OS, Machine Learning, Deep Learning

Projects

ASLoj – Online Judge System GitHub — Live | *Django, HTML, CSS, PostgreSQL*

Aug. 2025

- Developed a web-based online judge platform for departmental use, enabling students to solve programming problems and participate in contests.
- Implemented user authentication features including sign-up, sign-in, and password reset workflows using Django's authentication system.
- Built core user-facing modules such as homepage, leaderboard, community chat, and group-based interaction features.
- Collaborated with team members to support instructor functionalities such as contest creation, problem management, and student evaluation.

Achievements

- Awarded **Vice Chancellor Award 1 times** for academic excellence.
- Recipient of the **Dean's Award 1 times** for outstanding academic performance.
- Solved **150+ algorithmic problems** across multiple online judges.

Research & Academic Interests

- Machine Learning and Deep Learning with a focus on Federated Learning
- Industrial anomaly detection with vision based learning for **fabric anomaly**
- Scalable backend architectures, system design, and algorithmic problem solving

Social or Community Engagement

- Active **executive** member of **UAP English Language Club**, contributing to event organization and communication activities
- Participated in community-based programs and university workshops like **Robotics** and **Cyber Security**

Fields of Interest

- Machine Learning, Deep Learning, Computer Vision
- Robotics and Embedded Systems
- Backend Development and System Design