

TASNIM ABRAR SAJIN

+8801945506330 | tasnimabrar2000@gmail.com | linkedin.com/in/tasnim-abrar | github.com/Tasnim3322Abrar

Education

University of Asia Pacific

BSc in Computer Science and Engineering

- **CGPA:** 3.64/4.0 (Till 6th semester)

Dhaka, Bangladesh

Jan. 2023 – Dec. 2026

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.
- Served as **Executive Member** of the UAP English Language Club.

Research & Academic Interests

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