

Shakib Howlader

Undergraduate Student

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Dhaka, Bangladesh — [Portfolio](#)

[LinkedIn](#) — [GitHub](#) — [Codeforces](#) — [Beecrowd](#) — [LeetCode](#)

Technical Skills

Programming Languages: C++, Python, Dart, Java

App Development: Flutter

Web Development: HTML, CSS, JavaScript, Flask

Databases: Firebase, MySQL, SQL & NoSQL

Tools/IDEs: Git, GitHub, VS Code, Android Studio

ML/NLP: Scikit-learn, TensorFlow, Image Classification

Version Control: Git

Work Experience

Intern, International Affairs, DIU (01/2024 – 06/2024)

Tasks: Graphics Design, Video Editing

Created graphics and video content for university events and initiatives, supporting the promotion and communication efforts.

Intern, Future Interns (04/2025 – Present)

Tasks: Machine Learning

Working on machine learning projects, focusing on developing models for real-world data analysis and problem-solving.

Certificates

Finalist - Unlock the Algorithm (11/2023)

DIU Programming Contest

Take Off Programming Contest

Participated, DIU CSE Department

Education

B.Sc. in CSE, Daffodil International University (01/2022 – Present)

CGPA: 3.92

HSC, Science (06/2018 – 06/2020)

GPA: 5.00 / 5.00

SSC, Science (01/2016 – 03/2018)

GPA: 5.00 / 5.00

Problem Solving

Codeforces

• **Max Rating:** 990

• **Solved:** 100+ problems

LeetCode: 50+ solves

Beecrowd: 100+ solves

Projects

DIU Leaderboard (10/2024 – Present)

A platform for tracking student CGPA, batch ranking, and providing retake advice based on performance. It helps students monitor their academic progress easily.

Source Code: tinyurl.com/diuleaderboard

DIU BusBuddy (01/2025 – Present)

An Android app for real-time DIU bus updates, including arrival times, bus locations, and notifications for delays or cancellations.

Source Code: tinyurl.com/diubusbuddy

Prism – Social Media App (06/2024 – Present)

A social platform built with Dart, Flutter, and Firebase that enables users to connect, share content, and engage with real-time updates.

Source Code: tinyurl.com/prismandroidapp

ScheduLearn (10/2024 – 12/2024)

A web tool to visualize OS scheduling algorithms, helping users understand how different scheduling techniques impact process execution.

Live: schedulearn.vercel.app

Source Code: tinyurl.com/schedulearn

Student Management System (01/2023 – 12/2023)

A system for managing student data, including course enrollment, grading, and attendance, with an easy-to-use interface for both students and admins.

Source Code: tinyurl.com/studentmanagementsys

Publication

Eggplant Leaf Disease Dataset

4,000 categorized images with white background for ML-based classification.

DOI: doi.org/10.1016/j.dib.2025.111353