

Miju Ahmed

📞 +8801815287853
Rajshahi, Bangladesh

✉️ miju.ch7@gmail.com
🌐 [Github](#)
🔗 [Miju Ahmed](#)
🌐 [Portfolio](#)

Objective

Motivated and detail-oriented Computer Science student with a strong foundation in C, C++, Java and Python. Experienced in developing CRUD applications and mobile apps using modern frameworks. Eager to leverage programming skills and problem-solving abilities in a challenging role.

Education

B.Sc. in Computer Science & Engineering, University of Rajshahi Jan 2020 – Oct 2025
CGPA: 3.44 out of 4.00

Skills

Languages: Java, Python, C, C++, C, PHP

Frameworks: Spring-boot, Laravel, Django, TensorFlow, PyTorch, Unity-Game Engine,

Libraries: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, OpenCV

Databases: MySQL, MongoDB, PostgreSQL

Tools: Git, GitHub, Postman

Concepts: Object-Oriented Programming (OOP), Design Patterns, SOLID Principles, Software Development Life Cycle (SDLC), Clean Architecture

Problem Solving

- Developed strong proficiency in data structures, algorithms, and logical reasoning through consistent problem-solving practice.
- Solved over **600 problems** on Codeforces, gaining a deep understanding of algorithm design and time complexity analysis.
- Solved over **120 problems** on LeetCode, with a focus on coding interview preparation and real-world problem scenarios.
- Solved over **150 problems** across platforms such as CodeChef, UVA, LightOJ, and CSES, enhancing adaptability to diverse problem types and difficulty levels.

Research

- **Face Landmark Detection Using Self-Supervised Vision Transformer**  [GitHub](#)
 - Detecting facial coordinates such as eyes, nose, jawline, etc. of human faces.
 - Tools Used: PyTorch

Project

- **Food App**  [GitHub](#)
 - Developed this project for helping the peoples for ordering the food and managing the owners full processing.
 - Tools Used: Spring Boot, MySQL
- **ID-Logo Detection**  [GitHub](#)
 - Developed this system for security-based detection of the ID-Card with the associated company's Logo.
 - Tools Used: React, PyTorch
- **Apex Person Counting**  [GitHub](#)
 - Developed this system for each day counting the person how much people are visited the showroom.
 - Tools Used: React, PyTorch

- **Forum-Hub**
 - Developed a social platform like Facebook
 - Tools Used: MERN, JavaScript[!\[\]\(694fcb4611893e9db5249daba48abfc1_img.jpg\) GitHub](#)
- **University Details**
 - Developed a social platform like Facebook
 - Tools Used: Django[!\[\]\(8ec8d5dc48934930a762fecf6ecbe179_img.jpg\) GitHub](#)
- **Educational Platform**
 - Developed this platform as an educational helpful tool where each student's and teachers' information is stored.
 - Tools Used: Flutter[!\[\]\(c34a15e67573dae8fbb88f4cbfb0f2e9_img.jpg\) GitHub](#)
- **Micro-controller Communication(UART & I2C)**
 - Communicating two Micro-controllers both UART and I2C approaches.
 - Tools Used: C[!\[\]\(41f06fdeabb4e5a71d06fe8f32a46127_img.jpg\) GitHub](#)
- **Book-Store**
 - Stored the books' information of availability, amount, etc. the all the information of books.
 - Tools Used: Laravel[!\[\]\(18eb66208e65404cce5042d73cf0a851_img.jpg\) GitHub](#)
- **Neural Network and Deep Learning**
 - Perform Crowd-Counting, Face-Detection, Face-Verification, Image-Segmentation, Image-Creation, Image-Reconstruction.
 - Tools Used: PyTorch, Tensorflow[!\[\]\(14a9d4de9e6699d41b68e8807e2d5f76_img.jpg\) GitHub](#)

Certifications

- **Python (Programming Language)** – Kaggle, 2024
- **Introduction to SQL** – Coursera, 2024
- **Learning Java** – LinkedIn Learning, 2022
- **Problem Solving (Basic)** – HackerRank, 2022