

# Abrar Ahmed

Dhaka, Bangladesh

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*As a Computer Science & Engineering graduate from BRAC University, I bring strong expertise in Python, machine learning, vision-language and large language models, along with solid experience in web development and event leadership. I excel at solving complex problems and delivering results efficiently under pressure.*

## PROFESSIONAL EXPERIENCE

### AI/ML ENGINEER

Trainee

Celloscope

2025-Present

1. Developed machine learning models, including Vision-Language Models (VLM), for automated analysis of workout videos, enabling detection of posture errors and feedback generation.
2. Built computer vision pipelines to extract frames, align movements, and evaluate exercise correctness using reference data.

### ROBOTICS CLUB

Executive

BRAC University

2021-2023

1. Volunteered for and contributed to the success of the “Traction: OmniVerse” fest in 2022.
2. Organized “SPVS4”, a tournament, demonstrating strong leadership and event management skills.

### BNMPC INFORMATION TECHNOLOGY CLUB

Secretary

Birshrestha Noor Mohammad Public College

2019-2020

1. Actively participated in club leadership, mentoring members, and contributing to the creation of a guideline book of how to run a clublike organization.
2. Served as the Event Manager for “Technobit 2.0”, showcasing strong leadership and coordination skills.
3. Contributed to the success of the “Technobit” fest through event management and coordination.

## EDUCATION

### BRAC University

BSc in Computer Science & Engineering

CGPA: 3.62

Dhaka, Bangladesh

2021-2025

## SKILLS

1. Proficient in programming languages such as Python, Javascript.
2. Strong grasp of Data Structures and Algorithms.
3. Experienced in Machine Learning, Vision-Language Models (VLM), Large Language Models (LLM), Image Processing, Natural Language Processing (NLP) and Retrieval-Augmented Generation (RAG).
4. Web development expertise with HTML, CSS, JavaScript, Handlebars, React, NodeJS, ExpressJS, n8n, and basic experience with WebSocket communication.
5. Excellent problem-solving and critical thinking abilities.
6. Professionally adept at handling high-pressure situations and delivering results.