

ASIF AHAMED

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 asifahamed112  asifahamed11  Portfolio

EDUCATION

Bachelor of Science in Computer Science & Engineering

Varendra University, Rajshahi, Bangladesh

Expected 2026

CGPA: 3.93/4.00 (8th Semester)

TECHNICAL SKILLS

- **Programming Languages:** Python, C, C++, Java, JavaScript, PHP, Dart, SQL, LaTeX
- **Frameworks & Technologies:** Flutter, Firebase, MySQL, TensorFlow, PyTorch
- **Tools & Platforms:** Git, GitHub, VS Code, Linux
- **Core Competencies:** Machine Learning, Deep Learning, Bioinformatics, Full-Stack Development

RESEARCH & PUBLICATIONS

Conference Papers & Presentations

- [1] Honourable Mention Award - "Hybrid Ensemble Learning for Coding vs. Non-coding Somatic Variant Classification" (PID 108), UCICS 2026
- [2] M. M. Rahman, T. Khan, **A. Ahamed**, et al., "Ensemble Learning in Rice Leaf Diseases Classification," 2025 International Conference on Quantum Photonics, AI & SPC
- [3] **A. Ahamed**, T. Khan, et al., "Improved Classification of Retinal Disease: An Ensemble Deep Learning Approach," 2025 International Conference on Quantum Photonics, AI & SPC
- [4] M. A. I. Mizan, **A. Ahamed**, et al., "Multiple Face-Emotion Recognition Using Attention Mechanisms in Deep Learning," 2025 International Conference on Quantum Photonics, AI & SPC
- [5] Poster Presentation - "Multi-Omics Cancer Subtyping," UCICS 2026 Idea Contest

Ongoing Research

- Undergraduate Thesis: Pathogenic Gene Mutation Prediction Using Machine Learning

ACADEMIC PROJECTS

MediLinx | Healthcare Management Platform

PHP, MySQL, AI

- Developed full-stack web application connecting patients and healthcare providers with appointment scheduling
- Integrated AI-powered health recommendation system for personalized patient care

DocRater | Doctor Review Application

Flutter, Firebase

- Built cross-platform mobile application for healthcare professional discovery and rating
- Implemented real-time authentication and cloud database using Firebase

Nova Monitor | AI Training Assistant

Python, n8n, Gemini API

- Built a real-time AI training monitor that updates a single Telegram message to avoid spam.
- Integrated **Google Gemini AI** to analyze logs and summarize model accuracy/loss instantly.
- Designed for simplicity with a one-line command (%notify) for Jupyter Notebooks.

COMPETITIVE PROGRAMMING

- **Codeforces:** asif_112 - Participant in algorithmic contests
- **LeetCode:** asifahamedstudent - Practicing data structures and algorithms
- **Beecrowd:** Profile 775408 - Solved multiple algorithmic challenges