

KAZI NEYAMUL HASAN

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🌐 Portfolio Website | 📍 Dhaka, 1212 Madani Avenue, BD

SUMMARY

Passionate Computer Science undergraduate with strong interests in software engineering, artificial intelligence, machine learning, and robotics. Experienced in developing full-stack web applications, AI-powered systems, and IoT-based automation projects. Skilled in problem-solving, teamwork, and innovative software development.

FEATURED PROJECTS

ARGusAI - (Top Selected Project Team)

RAG, Python, LLM, Computer Vision

- Development of an LLM-Driven Framework for ARG Detection Based on a Genomic Database
- This project combines bioinformatics tools, the CARD genomic database, and AI/LLMs to detect antibiotic resistance genes more accurately and explain the results in simple language for researchers.
- **GitHub:(Project Code)** ARGusAI Repository

DropEx Logistics Management System

PHP, MySQL, JavaScript

- Developed a full-stack logistics platform with real-time package tracking and delivery management.
- Built separate admin and staff dashboards with customer feedback integration.
- Implemented dual online/offline delivery service modes.
- **GitHub:(Project Code)** DropEx Repository

Automatic-Garbage-Collector-with-Live-Image-Detection-using-ESP32

Python, YOLOv8, ESP32, Blynk IoT

- Built a smart robotic garbage collector using AI-powered computer vision.
- Integrated environmental sensors, robotic arm automation, and remote monitoring.
- Used YOLOv8 for trash object detection and classification.
- **GitHub:(Project Code)** Project Repository

HireUp-Job Search Platform

PHP, MySQL, JavaScript

- Developed a modern job portal with one-click job application functionality.
- Added salary insights, company reviews, and resume builder features.
- Implemented advanced job filtering and application tracking system.
- **GitHub:(Project Code)** HireUp Repository

BrainJam

JavaScript, Node.js, MySQL

- BrainJam Arena is a Judge0-powered competitive programming platform with Dockerized services, contest hosting, problem management, and a military-style ranking system for tracking progress.
- A complete competitive programming platform with Docker support, Judge0 API integration, and military-style ranking system. Perfect for coding competitions, practice, and learning.
- **GitHub:(Project Code)** BrainJam Repository

EDUCATION

United International University

B.Sc. in Computer Science and Engineering

2022 – Present
Dhaka, Bangladesh

Paruara Abdul Matin Khasru College

Higher Secondary Certificate (Science)

2020 – 2021
Bangladesh

SKILLS

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

Web Development: HTML5, CSS3, JavaScript, PHP

Machine Learning: TensorFlow, PyTorch, NumPy, YOLOv8, KNN, Regression, Classification

Database: MySQL

Tools & Technologies: Git, GitHub, ESP32, Blynk IoT, JavaFX, OOP Principles