

AMRAN HOSSAIN

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[Github](#) | [Linkedin](#)

Computer Science undergraduate with hands-on experience in MERN stack development, Flutter development, Machine learning, and AI model deployment. Adept at problem-solving, team leadership, and delivering scalable solutions. Recognized for strong presentation skills and active participation in tech communities and competitions.

TECHNICAL SKILLS

Programming: JavaScript, Python, Dart, C, Java

Web Development: HTML, CSS, React.js, Next.js, Node.js, Express.js, MongoDB, Firebase, Bootstrap and Tailwind

Mobile Development: Flutter, Dart, API Integration, Firebase and Responsive UI design.

Tools & Platforms: VS Code, Kaggle, Git, GitHub, Figma, Postman, Netlify, Vercel

AI/ML: TensorFlow, NumPy, Computer Vision, Model Optimization, Transfer Learning, Model Deployment

TRAINING

Programming Hero

- Web Development

September 2024 (Duration 6month)

[Show credential](#)

Ostad

- Flutter Development

February 2025 (Duration 6month)

[Show credential](#)

EDUCATION

East West University

June, 2021 - September, 2025

BSc in Computer Science and Engineering / Major in Data Science & AI

Thesis: Automated Dried Fish Classification Using Transfer Learning Techniques for Quality Control and Market Efficiency Enhancement. ([PDF](#))

PUBLICATIONS

[Google Scholar](#) | [ResearchGate](#) | [ORCID](#)

PROJECTS

MeetPlanr

[Live Link](#) | [Git Main](#)

- MeetPlanr is a full-stack web application for smart scheduling, event management, and team coordination.
- It features user authentication, a dynamic admin dashboard, blog management, Stripe payments, and real-time scheduling.
- Built using Next.js, React, Firebase, Tailwind CSS, and Node.js.

Bistro Boss Restaurant

[Live Link](#) | [Git Client](#) | [Git Server](#)

- Developed a Bistro Boss website using the MERN stack.
- Implemented admin functionality, payment integration, real-time data, and user profiles.
- Utilized React.js, MongoDB, JWT, Firebase, Express, Node.js, and Tailwind CSS.

E-Commerce

[Git Main](#)

- This Flutter-based E-commerce project provides a complete online shopping experience.
- Integrated localization, API integration and Firebase Crashlytics for enhanced user experience and reliability.

EXTRA CURRICULUM ACTIVITIES

1. EWU Computer Programming Club (EWUCoPC) | Programming Executive

(2024-2025)

Actively contributed to organizing coding workshops, contests, and peer-to-peer learning sessions. EWUCoPC focuses on enhancing students' problem-solving and competitive programming skills through regular practice and collaboration.

2. EWU Model United Nations Association | General Secretary | Head of Documentation

(2022-2023)

This organization, simulating the UN General Assembly, allows students to role-play as delegates from other countries, cultivating creative solutions for real-world challenges and developing essential communication skills such as negotiation, diplomacy, leadership, and teamwork.

AWARD

EWU NATIONAL ROBOFEST: National Hackathon - (Champions)

(November, 2024)

LANGUAGE SKILLS

English | Level: Advanced (B1)

Bengali | Native