MOINUL HOSSAIN BHUIYAN

+88 01689300973 • adibhossain0077@gmail.com • West Rampura, Dhaka, Bangladesh

About Me

I am a Computer Science graduate from Brac University, skilled in full-stack web development, machine learning, and AI. Proficient in Python, C++, JavaScript, React, Laravel, TensorFlow, and PyTorch. I'm passionate about creating innovative and scalable solutions and learning new technologies.

Skills

Web Development: HTML5, CSS3, JavaScript, ReactJS, Angular, Vue, TypeScript, PHP, Laravel, Flask
Programming Languages: Python, C++, JavaScript
Databases: MySQL, MongoDB
Machine Learning & AI: TensorFlow, PyTorch, ML/DL, Artificial Intelligence, Simulation & Modeling, Prompt Engineering
Tools & Platforms: Git/GitHub, Agile, SDLC, Cloud Computing, Virtualization, Office 365, Windows, Linux
Other Skills: Problem Solving, Critical Thinking, Project Management, Networking, Troubleshooting

Projects

Healthcare Landing Page (Web Development) | *GitHub*
- Designed and developed a responsive landing page for a healthcare platform, recreated from a Figma design file.
- Tech stack: Angular, TypeScript, HTML, CSS, JavaScript, Karma for end-to-end testing

Interface Design (Web Development) | *GitHub*
- Designed and developed a user interface project focused on creating intuitive and visually appealing designs
- Tech stack: Vue, HTML, CSS, JavaScript

Klinik-24 (Web Development) | *GitHub*
- Developed a web application for a healthcare platform using a modern front-end setup
- Tech stack: React, TypeScript, Vite, ESLint, HTML, CSS, JavaScript

E-Commerce Medicine Store (Web Development) | *GitHub*
- Developed a medicine store web app with authentication and database integration
- Tech stack: PHP, Laravel, MySQL, HTML, CSS, JavaScript

Hate Speech Detection (AI/ML) | *GitHub*
- Built a hate speech classifier for social media platforms
- Algorithms: Logistic Regression, Naive Bayes
- Skills: Python, Machine Learning, NLP

Stock Market Prediction (Simulation & Modeling) | *GitHub*
- Implemented Monte Carlo Simulation for stock market trend prediction Focused on algorithm efficiency and forecasting
- Skills: Python, Simulation & Modeling

Single Image Super-Resolution (Thesis Project) | *GitHub*
- Implemented MSRGAN-based GAN model for image super-resolution
- Optimized for consumer-grade GPUs
- Skills: Deep Learning, GANs, TensorFlow, PyTorch

Road Safety Animation (2D Graphics) | *GitHub*
- Built a Python-based OpenGL 2D animation
- Used Midpoint Algorithms for rendering
- Tech stack: Python, PyOpenGL, GLUT, TypeScript

Education

Brac University Bachelor's Degree in Computer Science and Engineering	CGPA - 3.43 05/2020 - 10/2024
Dhaka Imperial College Higher Secondary Certificate	GPA - 3.83 09/2017 - 08/2019
Rajdhani Ideal School Secondary School Certificate	GPA - 5.00 01/2008 - 07/2017

Experience

G2i inc. RLHF Code Reviewer	Florida, USA (Remote) 11/2024 - 07/2025

- Reviewed and optimized code submissions weekly for reinforcement learning applications
- Improved code quality standards resulting in 25% reduction in deployment issues in ML

Co-Curricular Activities

BRAC University Art & Photography Society (BUAPS) Senior Executive (Photo Wing)	01/2023 - 12/2023
Robotics Club Of Brac University (Robu) Executive (Designing)	03/2023 - 04/2024
ATC Android ToTo Company Script Writer	03/2023 - 12/2023

Languages

Bangla Native ●●●●●   *English* Proficient ●●●●●   *Chinese* Intermediate ●●○○○

Connect With Me

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