

# MOINUL HOSSAIN BHUIYAN

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## 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

### MASHALLAH Group.

System Engineer, IT

Basundhara R/A, Dhaka  
08/2025 - Ongoing

- Optimized systems to reduce downtime and boost efficiency
- Managed IT operations and infrastructure for secure, reliable processes

### 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

## Connect With Me



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