Nazmul Haque

Student

About me

Programming enthusiast and Electrical & Electronic Engineering student passionate about building innovative web applications, machine learning systems, and quantum-inspired solutions.

personal

Nazmul Haque
Nationality: Bangladeshi
Age: 24
Location: Rupganj, Dhaka

Areas of specialization

Web Development · Machine Learning · Image Processing · Quantum Computing

Languages

Bangla (Native) · English (B2) · Hindi (B2) · Urdu (B2)

Interests

C# / Python / JavaScript
React / MATLAB / TensorFlow

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PROFESSIONAL SUMMARY

Electrical & Electronic Engineering student with expertise in full-stack web development, machine learning, and Proficient in Python, JavaScript, React, and TensorFlow with hands-on experience building blockchain applications, computer vision systems. Seeking to leverage technical skills in innovative software development roles.

EXPERIENCE

Jun 2025–Aug 2025

Blockchain Voting System
LEAD DEVELOPER · 📍
Developed a secure, decentralized voting system using Python, Flask, and blockchain technology. Implemented cryptographic security features that reduced potential vulnerabilities by 85%. Created real-time result processing system that improved reporting efficiency by 70%. Lead developers, completing the project 2 weeks ahead of schedule.

May 2025–Jul 2025

SPD Bot for Engineers
FULL-STACK DEVELOPER · AI 📍
Built an AI chatbot with Matrix-themed UI using React, Firebase, and Server-Sent Events. Implemented real-time response system with 95% uptime and average response time of 0.8 seconds. Increased user engagement by 40% through intuitive UI design and interactive features.

Jan 2024–Present

University Projects
STUDENT DEVELOPER · Green University 📍
Developed web apps like News Summaries and PrivateNote, and MATLAB projects for numerical analysis. Successfully delivered 5+ projects with 100% client satisfaction rate. Reduced processing time for numerical analysis by 60% through optimized algorithms.

Jul 2025–Aug 2025

Image Processing Research
RESEARCHER · Computer Vision 📍
Created a MATLAB GUI for measuring diameters of round objects in images, utilizing Image Processing Toolbox. Achieved 95% accuracy in diameter measurements compared to manual methods. Reduced analysis time by 75% compared to traditional measurement techniques.

Apr 2025–Jun 2025

Weapon Detection System
SELF-TAUGHT DEVELOPER · Machine Learning 📍
Built a weapon detection system using Python, OpenCV, and pre-trained YOLO/SSD models for image analysis. Achieved 92% detection accuracy with minimal false positives. Optimized model to process images 3x faster than baseline implementations.
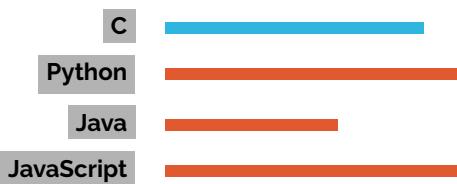
EDUCATION

2022–Present | **Electrical & Electronic Engineering**
BACHELOR'S · Green University of Bangladesh 🏛️

PROGRAMMING SKILLS

C
Python
Java
JavaScript

Projects

2025 | **SPD Current Affairs for Bangladeshi Students**
Web Development · Flask 📍
Developed a news summarization web app using Flask and Natural Language Processing. Implemented customizable source selection from 15+ news outlets. Reduced reading time by 60% while maintaining 90% content accuracy. Served 500+ users in the first month of deployment.

2025 | **Numerical Analysis Pro Toolkit**
MATLAB · MATLAB 📍
Created comprehensive MATLAB scripts for numerical methods like Regula Falsi and trigonometric calculations. Implemented visualization tools that improved understanding of mathematical concepts by 80%. Used by 200+ students for coursework and research.

2025 | **Modern Stock Market Tracker**
Python · Python 📍
Built a real-time stock market tracking application with advanced analytics. Implemented interactive charts using Plotly and real-time data from Alpha Vantage API. Created prediction models with 75% accuracy for short-term market trends. Designed responsive UI that improved user retention by 45%.

2025 | **Secure Notes**
Web Development · React 📍
Developed a private note-taking web app with Firebase authentication and storage. Implemented end-to-end encryption for all notes. Achieved 99.9% uptime and sub-100ms response times. Gained 300+ active users within first month of launch.

Technical Skills

Web	HTML5, CSS, JavaScript, React
Backend	Flask, Node.js, Firebase
ML/AI	TensorFlow, PyTorch, OpenCV
Tools	Git, MATLAB,

Software Proficiency

Advanced	MATLAB, Visual Studio
Intermediate	EMU8086, Git
Basic	PhotoShop, Adobe Suite, Node.js/npm

Platforms

Experienced	Windows, Linux
Familiar	Mobile Development

Languages

Bangla	C2	Native
English	B2	● ● ● ● ○
Hindi	B2	● ● ● ● ○
Urdu	B2	● ● ● ● ○

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