

Nazmul Haque



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nazmul-haque-nihal



nazmul-haque-nihal



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
Gender: Male
Marital Status: Unmarried
Nationality: Bangladeshi
Religion: Islam
Blood Group: B+
Location: Rupganj, Dhaka (Current)

Areas of specialization

Web Development • Machine Learning • Image Processing • Quantum Computing

Languages

Bangla (Native) • English (B2)

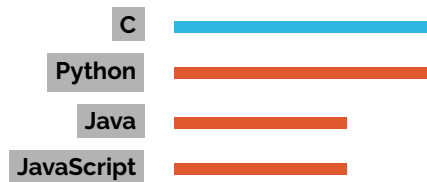
Interests

C / Python / JavaScript
React / MATLAB / TensorFlow

EDUCATION

- 2022–Present **Electrical & Electronic Engineering**
BACHELOR'S • Green University of Bangladesh 🏫
- 2019–2020 **Higher Secondary Certificate (HSC)**
GPA 5.00 • Kabi Nazrul Govt. College, Dhaka 🏫
- 2016–2018 **Secondary School Certificate (SSC)**
GPA 5.00 • Mashinda High School, Natore 🏫

PROGRAMMING SKILLS



PROJECTS

Blockchain Voting System

LEAD DEVELOPER • 📍

A secure, decentralized voting system built with Python, Flask, and blockchain technology. This system ensures transparent, tamper-proof voting with cryptographic security and real-time results.



SPD Bot for Engineers

FULL-STACK DEVELOPER • AI 📍

Built an AI chatbot with a Matrix-themed UI using React, Firebase, and Server-Sent Events for real-time responses



Naz Tailors

WEB DEVELOPMENT • React, Firebase 📍

Tailor shop management system with order tracking, measurements database, and customer management



Image Processing Research

RESEARCHER • Computer Vision 📍

Created a MATLAB GUI for measuring diameters of round objects in images, utilizing Image Processing Toolbox



Weapon Detection System

SELF-TAUGHT DEVELOPER • Machine Learning 📍

Built a weapon detection system using Python, OpenCV, and trained YOLO models for image analysis



AI Image Generator

MACHINE LEARNING · TensorFlow

AI-powered image generation system using deep learning and generative models for creating synthetic images

IIoT Smart Factory Platform

IoT · Python, MQTT

Industrial IoT solution for real-time monitoring and control of manufacturing equipment with predictive maintenance

Nazmul's Toolkit

WEB DEVELOPMENT · React, Node.js

Comprehensive developer toolkit with code generators, formatters, and productivity utilities

TrendTracker

WEB DEVELOPMENT · Python, Flask

Social media trend analysis platform for tracking hashtags and discovering viral content patterns

SPD Current Affairs

WEB DEVELOPMENT · Flask

Web app for summarizing news articles with customizable sources

Numerical Analysis Pro Toolkit

MATLAB · MATLAB

MATLAB scripts for numerical methods like Regula Falsi and trigonometric calculations

Modern Stock Market Tracker

PYTHON · Python

A cutting-edge, real-time stock market tracking application with advanced dashboard analytics, interactive charts, and modern UI design.

Secure Notes

WEB DEVELOPMENT · React

Private note-taking web app Firebase authentication and storage

TECHNICAL SKILLS

Web	HTML5, CSS, JavaScript, React
Backend	Flask, Node.js, Firebase
ML/AI	TensorFlow, PyTorch, OpenCV
Tools	Git, MATLAB
Electrical & Electronic	Power system operation, Circuit design, Electrical maintenance, Renewable energy (Solar PV)

SOFTWARE PROFICIENCY

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

PLATFORMS

Experienced	Windows, Linux
Familiar	Mobile Development

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