

# Nazmul Haque



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nazmul-haque-nihal



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## 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)

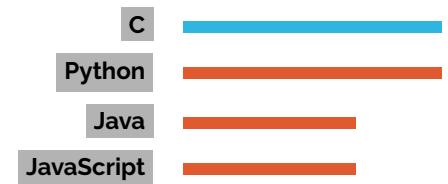
## Interests

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

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

## SOFTWARE PROFICIENCY

|                     |                                     |
|---------------------|-------------------------------------|
| <b>Advanced</b>     | MATLAB, Visual Studio               |
| <b>Intermediate</b> | EMU8086, Git                        |
| <b>Basic</b>        | PhotoShop, Adobe Suite, Node.js/npm |

## PLATFORMS

|                    |                    |
|--------------------|--------------------|
| <b>Experienced</b> | Windows, Linux     |
| <b>Familiar</b>    | Mobile Development |

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