

# Nazmul Haque



## 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  
Date of Birth: 28 Aug 2002  
Gender: Male  
Marital Status: Unmarried  
Nationality: Bangladeshi  
Religion: Islam  
Blood Group: B+  
Location: Rupganj, Dhaka (Current), Natore, Rajshahi (Permanent)

## Areas of specialization

Web Development • Machine Learning • Image Processing • Quantum Computing

## Interests

Quantum Computing • Image Processing • Web Development • Open Source

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## EXPERIENCE

Jun 2025–Aug 2025

### 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.



May 2025–Jul 2025

### 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



Jan 2024–Present

### University Projects

STUDENT DEVELOPER • Green University

Developed web apps like News Summaries and PrivateNote, and MATLAB projects for numerical analysis



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



Apr 2025–Jun 2025

### Weapon Detection System

SELF-TAUGHT DEVELOPER • Machine Learning

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



## 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

C



















Python

Java

JavaScript



PROJECTS

2025	<b>AI Image Generator</b> MACHINE LEARNING · TensorFlow  AI-powered image generation system using deep learning and generative models for creating synthetic images	
2025	<b>IIoT Smart Factory Platform</b> IoT · Python, MQTT  Industrial IoT solution for real-time monitoring and control of manufacturing equipment with predictive maintenance	
2025	<b>Nazmul's Toolkit</b> WEB DEVELOPMENT · React, Node.js  Comprehensive developer toolkit with code generators, formatters, and productivity utilities	
2025	<b>TrendTracker</b> WEB DEVELOPMENT · Python, Flask  Social media trend analysis platform for tracking hashtags and discovering viral content patterns	
2025	<b>Naz Tailors</b> WEB DEVELOPMENT · React, Firebase  Tailor shop management system with order tracking, measurements database, and customer management	
2025	<b>SPD Current Affairs for Bangladeshi Students</b> WEB DEVELOPMENT · Flask  Web app for summarizing news articles with customizable sources	
2025	<b>Numerical Analysis Pro Toolkit</b> MATLAB · MATLAB  MATLAB scripts for numerical methods like Regula Falsi and trigonometric calculations	
2025	<b>Modern Stock Market Tracker</b> PYTHON · Python  A cutting-edge, real-time stock market tracking application with advanced dashboard analytics, interactive charts, and modern UI design.	
2025	<b>Secure Notes</b> 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

LANGUAGES

Bangla	C2	Native
English	B2	<div><div></div><div></div><div></div><div></div><div></div></div>
Hindi	B2	<div><div></div><div></div><div></div><div></div><div></div></div>
Urdu	B2	<div><div></div><div></div><div></div><div></div><div></div></div>

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