

# 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

- nazmulhaque.green@gmail.com
- nazmul.haque.nihal.07
- nazmul-haque-nihal
- nazmul-haque-nihal

## 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 with 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

## LANGUAGES

<b>Bangla</b>	C2	Native
<b>English</b>	B2	• • • • •
<b>Hindi</b>	B2	• • • • •
<b>Urdu</b>	B2	• • • • •

Nazmul Haque  [nazmulhaque.green@gmail.com](mailto:nazmulhaque.green@gmail.com)  Rupganj, Dhaka, Bangladesh 

01773865325

 [linkedin.com/in/nazmul-haque-nihal-07-55b87a248/](https://www.linkedin.com/in/nazmul-haque-nihal-07-55b87a248/)

 [nazmul-haque-nihal.github.io](https://github.com/nazmul-haque-nihal)