

CURRICULUM VITAE

MD Naimur Rashid

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CAREER OBJECTIVE:

A passionate and motivated student in IoT and Robotics Engineering, with a growing focus on cybersecurity to secure connected systems. I bring hands-on experience in embedded systems, AI-based automation, smart technologies, and network security. Seeking opportunities to contribute to real-world innovations by blending artificial intelligence, IoT, robotics, and cybersecurity practices.

EDUCATIONAL QUALIFICATION

1. Bachelor Of Science Engineering

University : Bangabandhu Sheikh Mujibur Rahman Digital University
Faculty : Cyber Physical System Engineering
Department : Internet of Things and Robotics Engineering
Passing Year : Running
Result : 2.96 out of 4

2. Higher School Certificate

Institute : Cumilla Government City College
Group : Science
Board : Cumilla
Passing Year : 2021
Result : 5.00

3. Secondary School Certificate

Institute : Ibne Taimia School and College
Group : Science
Board : Cumilla
Passing Year : 2019
Result : 5.00

TECHNICAL SKILLS & EXPERTISE

- **Programming:** Python, C, C++, Java

- **IoT Platforms:** ESP32, Arduino, Firebase, ThingSpeak
- **Tools:** Git, GitHub, VS Code, MS Excel, PowerPoint, Cisco Packet Tracer, Wireshark (basics)
- **Database:** DBMS fundamentals
- **AI & Speech Integration:** Speech and NLP integration in AI projects
- **Networking & Cybersecurity:** IPv4/IPv6 addressing, OSI model, threat detection, incident response, network configuration (switches/routers), basic security practices (VLANs, ACLs)
- **Other Skills:** Public Speaking & Presentation Skills, Circuit Design, Prototyping, Debugging

PROJECTS & EXPERIENCE

- **Algora** – Personal AI Assistant (Dec 18, 2024) Developed a Python-based voice-controlled AI assistant capable of automating tasks, executing commands, and managing daily routines. Integrated speech recognition, NLP, and OS automation. Technologies Used: Python, pyttsx3, SpeechRecognition, datetime, os, webbrowser
- **Smart Goggles for Blind People**, Designed and implemented assistive smart goggles for visually impaired users using a microcontroller, sonar sensor, and buzzer. The system detects nearby obstacles and provides audio feedback to help users navigate safely.
- **Smart Vacuum Cleaner Robot with Remote, Voice, and Autonomous Control**
Developed a versatile cleaning robot supporting three control modes: autonomous navigation using ultrasonic sensors, voice control via Google Assistant, and remote operation through an Android app. Integrated cloud control using ESP8266, Bluetooth connectivity via HC-05 module, and obstacle avoidance for efficient pathfinding. Technologies Used: NodeMCU (ESP8266), Arduino Uno, HC-05, Ultrasonic Sensors, Sinric Pro, Android, Google Assistant
- **Smart Farming Monitor System (IoT Lab Project)** Built a smart agricultural system using ESP32, DHT11, and soil moisture sensors. Enabled real-time environmental data monitoring through Firebase and ThingSpeak dashboards.
- **Line Following Robot**, Designed and implemented an autonomous robot using Arduino and IR sensors for line tracking functionality.
- **Remote Patient Health Monitor** Created a health-monitoring prototype that tracks vitals using sensors and transmits data wirelessly to medical professionals.

CERTIFICATIONS

- **Google Cybersecurity Professional Certificate V2**, Coursera (Issued: October 2025).

- **CCNA: Introduction to Networks**, Cisco Networking Academy (Issued: September 2025).
- **Introduction to Cloud Computing**, Coursera (Issued: September 2025)
- Completed “**Job Ready**” course by getting 99% from **Wadhwani Foundation**.

LANGUAGES

- Bengali – Native
- English – Fluent
- Hindi – Fluent

PERSONAL INFORMATION

Father's Name	: MD Harunur Rashid
Father's Occupation	: Senior Mechanic, DEWA
Mother's Name	: Mst. Nasima Akter
Mother's Occupation	: Housewife
Date of Birth	: 13-10-2003
Marital Status	: Single
Religion	: Islam
Permanent Address	: Master Bari, Paruara, Chauddagram ,Cumilla

REFERENCE (1)

MD Toukir Ahmed

Lecturer

Bangabandhu Sheikh Mujibur Rahman

Digital University

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Relation: Course Advisor.

I, the undersigned, declare that the information provide in this CV is true to the best of my belief and knowledge and correctly describes myself.



Md Naimur Rashid

