CURRICULUM VITAE
MD Naimur Rashid

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CAREER OBJECTIVE:

A passionate and motivated student in IoT and Robotics Engineering with hands-on experience in embedded systems, AI-based automation, and smart technologies. Seeking opportunities to contribute to real-world innovations through a blend of artificial intelligence, IoT, and robotics.

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
- Database: DBMS fundamentals
- Speech and NLP integration in AI projects
- 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

- Completed "**Job Ready**" course by getting 99% from **Wadhwani Foundation**

LANGUAGES

- Bengali – Native

- English – 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
Cell: +8801738039128
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