Muntazim Alam

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Career Objective

An ambitious and dedicated Cloud Computing undergraduate with a strong foundation in software development, cloud services, and IoT-based systems. Passionate about building scalable solutions using modern technologies like AWS, and Python. Eager to contribute to innovative projects, enhance technical expertise, and grow into a Cloud Engineer role. Seeking opportunities to apply my skills in solving real-world problems.

Education

• BCA in Cloud Computing (CGPA – 8.04)	Pursuing
• 12th (CEBA) (67%)	2022
• 10th (67%)	2020

Internship

• **AI/ML Developer Intern at AiROBOSOFT Products and Services (2 Months)**
  Contributed to several real-time AI projects and gained experience with deep learning, model deployment, and team-based agile development. Key projects included:
  - Object Detection: Developed a YOLO-based detection system for tracking objects in real-time.
  - AI Voice Bot: Created a conversational bot using Python and NLP for human-like voice interaction.
  - Drowsiness Detection: Engineered a solution using OpenCV to detect signs of drowsiness in drivers.
  - House Price Prediction: Built regression models to forecast house prices using historical datasets.

Skills

• Python • Java • JavaScript • SQL & NoSQL (MongoDB) • Web Development (HTML, CSS, JS) • AWS Basics

Projects

• **Human-Following Robot:**

Designed a robot capable of following a person using IR sensors and a servo-controlled motor driver. The robot adjusts its movement based on proximity sensing.

• **Home Automation System:**

Built a smart home automation setup using NodeMCU and Arduino Cloud to control electrical devices remotely. Included real-time switching of lights, plugs, and appliances.

• **Banking Transaction Web Application:**

Developed a front-end banking system clone using HTML, CSS, and JavaScript. The application simulates basic banking operations including balance checking, money transfers, and transaction history display. Emphasized responsive UI design and interactive client-side scripting.

• **University Database Management System:**

Designed and implemented a relational database model to manage student, faculty, department, and course details for a university. Utilized SQL to create schemas, enforce constraints, and perform CRUD operations, ensuring efficient and structured data management.

• **Employee Management System (Java):**

Built a Java-based desktop application to handle employee registration, updates, views, and deletions. Applied core Java concepts such as object-oriented programming, file handling, and GUI basics to create an effective personnel management solution.

Certifications

• Cloud Computing (NPTEL, 2024)

• AWS Certified Cloud Practitioner (CLF-C02) – LinkedIn

• Prompt Engineering – LinkedIn

Extra-Curricular Activities

• Student Ambassador at CMR University

• Organizer of technical events like coding contests, IT quiz, and treasure hunt