

# RAZIB DASH

## GenAI & Mern stack developer

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### Summary

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MERN Stack Developer with 2 years of experience in building scalable web applications using Node.js, Express, MongoDB, and React. Skilled in Generative AI with expertise in LangChain, LangGraph, LangServe, and RAG systems. Passionate about creating innovative AI-driven solutions and delivering high-quality software.

### Skills

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**Programming :** Javascript,Python,java

**Frontend :** React.js,Tailwind CSS, Bootstrap, ShadCN UI, Context API

**Backend:** Node.js, Express.js,Flask,REST API Development & Integration,Authentication Authorization (JWT, OAuth),API Security & Performance Optimization

**Database:** MongoDB,MySQL,FAISS, Pinecone, Chroma

**Tools:** Git & GitHub,Postman,Jupyter Notebook,VS Code

**AI/ML Tools:** LangChain, LangGraph, LangServe,RAG,OpenAI, Hugging Face Transformers,Pandas, NumPy

### Projects

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#### The Mind Stack (LMS) | *javascript,AI*

Current work

- Developing a web-based Learning Management System (LMS) using MERN stack, integrating AI-powered text and image generation to enhance interactive learning and personalized content delivery.
- **Frontend :** React, Tailwind CSS, and Framer Motion,ShadCN UI
- **Backend :** node express
- **Database :** MongoDB
- **AI Tools :**GoogleGenerativeAI,GROQ llama3-70b-8192 for ultra-fast reasoning,

#### MU Chatbot | *Python,javascript,Jupyter Notebook*

july 2025 – august 2025

- This intelligent chatbot is designed to help students, applicants, and staff get instant answers about courses, admissions, academic calendars, and campus life — all through a smooth, conversational interface.
- **Frontend :** React, Tailwind CSS, and Framer Motion
- **Backend :** Python + Flask
- **Database :** Pinecone
- **AI :** LangChain + LangGraph agent architecture,GROQ LLaMA3 70B for ultra-fast reasoning,RAG (Retrieval-Augmented Generation) with documents indexed from the official MU website,real-time web searching using tavily search tool

#### Job Hostely | *javascript*

january 2025 – February 2025

- A modern job portal built with the MERN stack that connects job seekers with employers efficiently. Features include job listings, user authentication, and a responsive interface for seamless experience across devices.
- **Frontend :** React, Tailwind CSS
- **Backend :** node.js express.js
- **Database :** MongoDB

### Awards & Certifications

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- **The 2023 ICPC Asia Dhaka Regional Site Online Preliminary Contest:** International Collegiate Programming Contest.
- **JAVA:** HackerRank
- **Certificate of Appreciation from the Metropolitan University Geography And Astronomical Society (MUGAS)!**It was a privilege to showcase my passion for cultural expression and creativity during the "3000 Habitat Challenge" held on February 9-10, 2025, in collaboration with the MU Cultural Club.

### Education

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**B.Sc. Computer Science and Engineering**

*Metropolitan University,Sylhet*

**Graduated: 2025**

*CGPA: 3.38 / 4*