Mahaboba Islam Priya

Frontend Developer — Aspiring Full Stack Developer

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Education

Jashore University of Science and Technology

Bachelor of Science in Computer Science and Engineering (CGPA: 3.29 / 4.00)   *Jashore,Bangladesh*

Skills

Languages: C, Python, Java (Basic)   **Frontend:** HTML, CSS, Tailwind CSS, React.js   **Backend:** Node.js, Express.js
Database: MongoDB, Firebase, SQL, PostgreSQL   **Tools:** GitHub, VS Code   **Technical:** OOP (Object-Oriented Programming)

Projects

Task Management System (API) | *Node.js, Express.js, PostgreSQL*   GitHub Server
- User authentication with Node.js, Express.js, PostgreSQL, JWT, and bcrypt for secure access.
- Rate limiting with Express Rate Limit, reducing unauthorized access attempts by 35%.
- Structured logging (Winston, Morgan) and optimized RESTful APIs for task management.

Coffee Store | *React.js, Tailwind CSS, Node.js, Express.js, Firebase, MongoDB*   GitHub Client   GitHub Server
- Implemented user registration and authentication using Firebase, ensuring secure access control.
- Developed features to create, update, and delete coffee items with a seamless UI using React.js and Tailwind CSS.
- Designed a RESTful API with Express.js and MongoDB, enabling efficient data storage and retrieval.

Courses

Complete Web Development Course, 8th Batch

with Programming Hero   *Dhaka, Bangladesh*

Machine Learning with Python   Oct 2024 - Dec 2024

EDGE Program, JUST CSE   *Jashore, Bangladesh*

Thesis/Research

Development of a Graph Dataset for Job Recommendation System   April 2024 – May 2025

BSc Thesis, Jashore University of Science and Technology (JUST)   *Jashore, Bangladesh*

- Developed a personalized job recommendation system using graph link prediction techniques.
- Implemented and compared 11 similarity-based algorithms (e.g., CN, AA, PA, RA, etc.) on real job-resume graph data from the Bangladeshi market.
- Technologies used: Python, NetworkX, Matplotlib

Experiences

Teaching Assistant(TA)   Dec 2024 - Jan 2025

EDGE Program, JUST CSE   *Jashore, Bangladesh*

Volunteer

International Conference on Emerging Technologies for Sustainable Development(ICETSD), 2025   *Jashore, Bangladesh*
Organized by: Faculty of Engineering and Technology, JUST

Languages

Bangla: Native

English: Communicative