

MOHD MUDASSIR AZMI

Software Developer

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Summary

Software Developer with a strong foundation in problem-solving, logical thinking, and software design principles. Skilled in building, testing, and improving applications to deliver reliable solutions and enhance user experience. Interested in collaborating on impactful projects in fast-paced environments.

Education

B.Tech in Computer Science and Engineering

2025

Integral University, Lucknow

CGPA: 9.6/10

Skills

Programming & Querying: Java, C/C++, Javascript, MySQL, MongoDB.

Technologies: HTML, CSS, Node.js, React.js, Express.js, Git.

Core Concepts: DSA, Computer Networks, Operating Systems, DBMS.

Soft Skills: Communication, Problem-Solving, Teamwork and Collaboration, Adaptability, Time Management.

Experience

Full Stack Developer Intern

July 2025 – Sep 2025

Marvell Digital Technologies, Lucknow (Remote)

Tools: Node.js, React, Pinecone, LLM

- **Developed an AI-powered Document Chat application** enabling users to upload and query documents through natural language interactions.
- Implemented semantic search using **embeddings with Pinecone**, ensuring accurate context retrieval and improved response quality.
- Designed a responsive React-based interface with chat functionality, providing a smooth and intuitive user experience.
- Built a secure Node.js backend to manage file ingestion, embedding generation, and LLM integration for query handling.
- Gained knowledge ab **DevOps concepts** including CI/CD, AWS, Docker, Kubernetes, and Git.

Projects

Advanced LMS | *React.js, Node.js, MongoDB, JWT, LLM, Git*

February 2025 – March 2025

- **Developed a full-stack Learning Management System** to streamline content delivery, facilitate online courses, and manage user interactions.
- Implemented features including course creation, user authentication & authorization, progress tracking, assessments, and an AI-powered chatbot using LLM for real-time student support.
- Built a responsive frontend with React, HTML5, and CSS3 to support interactive content and seamless user experience across devices.
- Developed a secure backend with Node.js, Express.js, and MongoDB—integrated JWT for authentication, LLM for chatbot, and Git/GitHub for version control.

Library Management System | *Java, Collections, File Handling*

April 2025 – April 2025

- **Designed and developed a console-based Library Management System** to efficiently manage book inventories and user transactions.
- Implemented functionalities including adding new books, searching, borrowing and returning books, and tracking availability to streamline library operations.
- Applied Object-Oriented Programming principles, clean code practices, and efficient data handling using Java Collections Framework.
- Managed file storage and persistence with Java File Handling, and used Git/GitHub for version control.

Certifications

Global IBM Certification Program | *Machine Learning, Real-World Problems*

July 2024 – August 2024

- Participated in IBM's global certification program, gaining exposure to solving complex, real-world problems using machine learning, including data cleaning, feature engineering, and model deployment considerations.