

# MOHD MUDASSIR AZMI

## Software Developer

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### Summary

Results-driven Software Developer with a solid foundation in problem-solving and software design principles. Experienced in designing, developing, testing, and optimizing applications to deliver efficient, scalable, and user-centric solutions. Passionate about collaborating on high-impact projects in fast-paced environments, continuously learning new technologies, and driving innovation.

### Education

#### B.Tech in Computer Science and Engineering

2021–2025

*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 multiple full-stack applications, including an AI-powered Document Chat system and a Point of Sale (POS) application.
- Implemented semantic search using Pinecone embeddings, improving context retrieval and response accuracy.
- Created responsive React interfaces and secure Node.js backends for efficient user interactions and data handling.
- Gained exposure to DevOps practices including CI/CD, AWS deployment, Docker, Kubernetes, and Git.
- Executed small-scale projects to strengthen full-stack development skills and ensure application performance.

### Projects

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

Feb 2025 – Mar 2025

- Developed a full-stack Learning Management System to streamline content delivery, facilitate online courses, and manage user interactions.
- Implemented course creation, 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, ensuring cross-device compatibility and intuitive UI/UX.
- Developed a secure backend with Node.js, Express, and MongoDB, integrated JWT for authentication, and utilized Git/GitHub for version control.

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

Apr 2025

- Designed and developed a console-based Library Management System to manage book inventories, user transactions, and database operations efficiently.
- Implemented features including adding, searching, borrowing, and returning books, optimizing workflow and data handling.
- Applied Object-Oriented Programming principles, clean code practices, and efficient data structures using Java Collections Framework.
- Managed file storage and persistence with Java File Handling, and maintained version control with Git/GitHub.

### Certifications

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

July 2024 – Aug 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.