AMAAN MANSOORI

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OBJECTIVE

Final-year B.Tech Computer Science student seeking an Associate Software Engineer role where I can build reliable, secure, and scalable software systems. Strong foundation in programming, data structures, APIs, and backend development, with hands-on experience building real-world applications.

EDUCATION

B.Tech in Computer Science Engineering 2022 – 2026

Lakshmi Narain College of Technology (LNCT), Bhopal

Relevant Coursework: Data Structures & Algorithms, DBMS, Operating Systems, Software Engineering

SKILLS

Programming Languages	Java, JavaScript, Python
Backend	Spring Boot, Node.js, REST APIs
Databases	MySQL, MongoDB
Web Technologies	HTTP, JSON, Authentication (JWT)
Tools	Git, GitHub, Postman
Concepts	OOP, SDLC, Basic System Design

PROJECTS

E-Commerce Backend System

Developed a backend application using Java and Spring Boot with REST APIs for product, order, and user management. Implemented JWT-based authentication and role-based access control. Integrated MySQL for persistent data storage and followed clean code practices with proper error handling and logging.

Cloud-Native Portfolio Generator

Built a serverless portfolio generator using React and AWS Lambda. Designed APIs to dynamically generate and deploy portfolios, improving load performance and scalability. Focused on modular code structure and API reliability.

DSA Algorithm Visualizer

Created an interactive web-based visualization tool using JavaScript to demonstrate data structures and algorithms such as graphs, dynamic programming, and shortest path algorithms. Emphasized usability, correctness, and clear logic.

EXPERIENCE

Google — Campus Ambassador Aug 2025 – Dec 2025

Conducted workshops on cloud and GenAI fundamentals for students. Collaborated with teams to organize technical sessions and demos, improving communication and teamwork skills.

Technical Mentor 2023 – Present

Guided students in programming fundamentals, DSA, and backend development. Helped debug code, explain concepts clearly, and review projects, strengthening problem-solving and mentoring abilities.

CERTIFICATIONS

Google Cloud (Vertex AI, BigQuery ML)

AWS (Lambda, API Gateway)

Microsoft Azure Fundamentals