

Nandini Arora

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SUMMARY

I'm a final-year student pursuing Computer Science and Engineering with strong fundamentals in Core Java, Data Structures & Algorithms, OOP, DBMS, and Operating Systems. Experienced in building scalable full-stack web applications using the MERN stack, with exposure to real-time systems, REST APIs, and Generative AI-based applications. Passionate about problem solving, software engineering, and building impactful user-centric products.

EDUCATION

Lakshmi Narain College of Technology

B.Tech in Computer Science | CGPA: 8.1

Bhopal

2023 – 2027

EXPERIENCE

Full Stack Developer Intern

Mar 2026– May 2026

Propero.in

(Pune)

- Collaborated in a team to build a React-Router based issue tracking platform simulating real-world tools ,contributing to backend development, authentication, database operations .
- Built and refactored reusable React components using Bootstrap, improving issue tracking workflows and reducing repeated code across modules.
- Developed reusable route modules using React Router loaders and actions to perform CRUD operations .

PROJECTS

Doctor Appointment & Queue Management System | *MERN, Socket.IO, RAG* | [GitHub](#)

- Built a MERN-based healthcare platform with real-time queue tracking via Socket.IO, supporting appointment booking, doctor scheduling, and patient management across three user roles.
- Implemented JWT-based authentication and role-based authorization for patients, doctors, and admins, securing all API routes.
- Developed an AI assistant using Flask, Ollama, and Sentence Transformers; implemented a RAG pipeline with document ingestion, text chunking, and semantic search for contextual medical guidance.
- Integrated live backend API calls into the chatbot to fetch real-time data such as doctor availability and queue positions, enabling dynamic context-aware responses.

BuildBay – Engineering Projects Marketplace | *React.js, Node.js, Express.js, MongoDB* | [GitHub](#)

- Developed a full-stack marketplace for buying, selling, and managing engineering project submissions with end-to-end buyer-seller workflows.
- Built backend APIs for authentication, file uploads, search, and transaction management; integrated plagiarism detection to validate originality of uploaded projects.
- Implemented centralized Redux state management and reusable component architecture, improving code maintainability across the frontend.

TECHNICAL SKILLS

Languages: Core Java,Python

Frontend: React.js, Tailwind CSS, Redux Toolkit,Html,Css,Javascript

Backend: Node.js, Express.js, REST APIs, MongoDB, JWT

Core Competencies: Data Structures & Algorithms, OOPs, DBMS (SQL), Operating System,Computer Network

ACHIEVEMENTS & CERTIFICATIONS

Top 10 Finalist (AIR 6) – StackHack 3.0 Hackathon

2025

Mercer Mettl

Associate in IT Foundation Skills – Java

2025

Infosys Springboard