

ALOK MISHRA

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EDUCATION

Lakshmi Narain College of Technology Excellence, Bhopal, MP B.Tech in Computer Science and Engineering, CGPA: 8.26	2022 – 2026
DAV Public School, Faridabad, Haryana Senior Secondary (Class XII), 77%	2020 – 2021
DAV Public School, Faridabad, Haryana Secondary (Class X), 90.04%	2019 – 2020

SKILLS

Languages	Java, JavaScript, SQL
Frontend	React.js, HTML, CSS, Tailwind CSS, Context API
Backend	Spring Boot, Node.js, Express.js, REST APIs, Socket.io
Databases	PostgreSQL, MongoDB, Redis (Upstash)
Developer Tools	Git, GitHub, Postman, JWT, bcrypt
Core Concepts	Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

PROJECTS

CineReserve (*Java, Spring Boot, PostgreSQL*) [GitHub Repo](#)

- Built a RESTful movie ticket booking backend using Spring Boot with layered Controller–Service–Repository architecture.
- Designed relational models for movies, theaters, screens, seats, shows, and show-specific seat availability using Spring Data JPA and PostgreSQL.
- Implemented transactional booking workflows with authentication, authorization, duplicate reservation prevention, and safeguards for concurrent booking conflicts.
- Added DTO-based API responses, centralized exception handling, and tests using JUnit 5, Mockito, and MockMvc.

KanFlow (*MERN Stack, Socket.io*) [GitHub Repo](#)

- Built a real-time collaborative Kanban board using MERN and Socket.io, enabling instant task creation, deletion, and drag-and-drop synchronization across connected users.
- Designed RESTful APIs for boards, columns, and tasks with JWT-based authentication and creator-only authorization for protected operations.
- Implemented MongoDB index-based task reordering logic to maintain task order during same-column and cross-column drag-and-drop operations.

PrepAi (*MERN Stack, Google Gemini*) [GitHub Repo](#)

- Built an AI-powered mock interview platform using the MERN stack and Google Gemini to generate role-specific technical interview questions and feedback.
- Developed secure JWT-based authentication and RESTful APIs for interview sessions and history management, enabling users to revisit previous interviews.
- Managed application-wide state using React Context API to support concurrent AI response streaming without UI freezes or data loss.

CERTIFICATIONS & ACHIEVEMENTS

- Solved 500+ Data Structures and Algorithms problems on LeetCode and GeeksforGeeks.
- AWS Academy Graduate — Cloud Foundations, Amazon Web Services (Feb 2024) [View Badge](#)
- Salesforce Developer with Agentblazer Champion Program — SmartBridge & Salesforce, AICTE Virtual Internship (May – July 2025)