

KARAN CHAVAN

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Education

Bachelor of Computer Engineering

Indira College of Engineering and Management, Pune

2023 – 2026

CGPA: 8.67/10

Diploma in Computer Engineering

Mahavir Education Society, Nashik

2020 – 2023

81.40%

Technical Skills

Languages: Java, JavaScript, SQL, HTML/CSS

Frameworks: Spring Boot, Spring Security, React, React Native, Expo, Tailwind CSS

Tools: Git, Postman, MySQL, Spring Data JPA, REST APIs, OAuth 2.0

Work Experience

React Native Developer Intern

Jan 2025 – Mar 2025

MidFinder Healthcare

Remote

- Built mobile app features using **React Native and integrated REST APIs** for real-time health data
- Improved app performance using debugging tools and optimized JavaScript code

Frontend Developer Intern

May 2022 – July 2022

NPIT Solutions

Nashik, India

- Created responsive web pages with **React.js and Tailwind CSS** for client projects
- Built reusable UI components that improved development speed by 30%

Projects

BookMyShow Backend Clone | Spring Boot, MySQL, OAuth 2.0

- Built backend with **15+ REST APIs** for movie booking, user management, and seat selection
- Added **OAuth** login and **role-based access (Admin, User)** for secure authentication
- Designed database with **8 tables** optimized for fast booking queries

HomeDoctor – AI Health Assistant | GenAI, Spring AI, Java, REST APIs

- Developed a **GenAI-powered health assistant and calling agent** using NLP to analyze user symptoms and predict diseases with over 85% accuracy.
- Utilized **Spring AI** for personalized Ayurvedic remedy generation and dosha-based health recommendations.
- Implemented multilingual voice input, daily health tips, and an emergency support system for real-time medical assistance.

Achievements

Hackathons & Competitions

- Secured **2nd place** at District Level MSBTE Hackathon competing against 50+ teams
- Won **2 college-level hackathons**, leading team of 4 members as group coordinator
- Participated in multiple project competitions showcasing innovative technical solutions

Real-World Impact

- Deployed **2 live e-commerce** websites for local clothing stores
- Delivered **production-ready mobile features** for healthcare app serving **100+** beta users

Problem Solving ↗

- Solved **160+ coding** problems on LeetCode
- Working on **cross platform mobile app**

Certifications ↗

- Backend Development in Java
- React Front-End Development
- Generative AI with Google ADK
- Database Systems (MySQL & MongoDB)

- Data Structures and Algorithms in Java
- Project Management and Agile Tools
- Mobile App Development with React Native
- Computer Networks Essentials