

# Rahul Kori

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## SUMMARY

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B.Tech Computer Science and Engineering graduate with a strong foundation in Data Structures and Algorithms (Java), DBMS, OOPs, and Computer Networks. Passionate about problem-solving and technology, with hands-on project and internship experience.

## Education

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**Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal**, B.tech in Computer Science Aug 2021 – May 2025

- CGPA: 7.21
- **Coursework:** Data structure, Algorithm, OOPs concepts, Database and Management System

## Projects

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### Vehicle Maintenance Platform

Tech Stack: React.js, Redux, JavaScript, HTML, CSS, REST APIs

Hosting: Netlify.

- Designed and developed a scalable frontend architecture using React.js with Redux for centralized state management.
- Implemented modular and reusable UI components to improve maintainability and reduce code duplication.
- Focused on responsive design to ensure seamless usability across desktop and mobile devices.
- Followed industry-standard folder structure and clean coding practices for long-term scalability.

### Music Recommendation System in Real-Time

Tech Stack: Python, Machine Learning, Collaborative Filtering, Spotify API, AWS

Hosting: AWS

- Processed user listening behavior to generate personalized music recommendations in real time.
- Deployed the application on AWS, ensuring availability and performance under real-time requests.

## Technologies

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**Languages:** C++ , Java, Python, Html , CSS, JavaScript

**Framework and Technologies:** React.js, Redux, Visual Studio Code, IntelliJ IDEA

**Database:** Mysql, Mongodb, AWS

## Certification

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- Hackfest 4.0 (2021) — Selected among regional finalists for innovation and leadership
- Global Student Entrepreneurship Award, Odisha (2023–24) — Recognized for impactful tech solution.
- Data Structures and Algorithms in Java (Apna College by Shraddha Khapra).