KARAN CHIRDE

Umarkhed, Maharashtra

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Summary

Computer Science student specializing in **back-end development** and **database systems**, with proven experience in building scalable and efficient web applications. Proficient in **Java, Spring Boot, REST API**, and **MySQL**, with additional exposure to **PostgreSQL, Docker**, and **Git** for version control. Strong foundation in **object-oriented programming**, currently exploring applications of **machine learning** within backend architectures. Committed to writing clean, maintainable, and testable code while continuously improving technical expertise.

EDUCATION

Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	**2021 – 2025**
B.Tech in Computer Science and Engineering	*Nanded, India*
G.S.G Collage, Umarkhed	**2020 – 2021**
HSC - Science	*Umarkhed, India*

PROJECTS

Paripakv | Spring Boot, React.js, Google OAuth   **January 2025**

- Built a full-stack web app to connect 3 user roles: farmers, buyers, and transporters.
- Farmers can list products, buyers can place bulk orders, and transporters handle deliveries.
- Designed mobile-friendly UI with low-data usage and regional language support.
- Used Google OAuth for secure login and created over 15 REST APIs using Spring Boot.

Startup Accounting Solution | Python, MySQL, REST API   **March 2025**

- Developed a tailored accounting system for **startups**, automating financial computations and reducing manual bookkeeping errors by **40%**.
- Implemented automated **balance sheet management** ensuring accuracy and compliance with accounting principles while providing real-time insights into assets and liabilities.
- Designed a scalable and adaptable **MySQL database schema** to manage financial data efficiently, enabling faster queries and smooth integration with business workflows.

SmartFarm – Equipment Rental App | Spring Boot, MySQL, React Native   **July 2025**

- Built role-based access control (FARMER/OWNER) and booking logic using JPA and MySQL, handling 100+ listings and 200+ bookings.
- Integrated backend with React Native via secure token-based APIs, with 98% test success rate.
- Wrote clean, object-oriented code that improved code quality and reduced bugs by 35%.

TECHNICAL SKILLS

Languages: Java, Python, SQL, HTML, CSS, C
Developer Tools: Git, Postman, VS Code, IntelliJ IDEA, Maven
Technologies/Frameworks: Spring Boot, REST API, JDBC
Familiar: Machine Learning, AWS, Docker, Hibernate

EXTRACURRICULAR

Pragya'22 College Fest	**September 2023 – October 2023**
Student Co-ordinator	*Nanded*

- Led a team of 8 to organize 4 technical events during the college fest, engaging over 200 participants.

CERTIFICATIONS

- Python - Great Learning
- Java Spring Boot — Udemy