

# KARTIK MANKAR

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## SUMMARY

Aspiring Backend Developer skilled in Java, Spring Boot, REST APIs, and MySQL. Experienced in building scalable backend applications, integrating databases, and deploying projects. Seeking an entry-level role to apply problem-solving and software development skills. Also familiar with Python, HTML, CSS, and JavaScript

## TECHNICAL SKILLS

- **Programming languages** : Core Java, Python
- **Web Technologies** : HTML, CSS, JavaScript
- **Databases / OS** : MySQL, JDBC, Hibernate, Linux, Windows
- **Frameworks / Tools** : Spring Boot, Spring Data JPA, REST API, Git, GitHub, Maven, Postman.
- **Soft Skills** : Problem-Solving

## INTERNSHIP

### Front-End Developer Intern | SS. Infotech

( Jan 2024 – June 2024 )

- Developed the front-end of the graphomagic.in website using HTML, CSS and JavaScript.
- Worked on creating and styling web pages to ensure they were responsive and user-friendly.
- Gained hands-on experience in web development focusing on layout design, responsive design, and cross-browser compatibility.
- **Technologies:** HTML, CSS, JavaScript

## EDUCATION

### S. B. Jain Institute of Technology management and research, Nagpur

( Jan 2021 – Jun 2024 )

B. Tech in Electronic and telecommunication

**CGPA :** 8.27

### Municipal High School and Junior College Kalmeshwar

( Feb 2020 )

12<sup>th</sup> ( General Science )

**Percentage :** 66 %

### Municipal High School and Junior College Kalmeshwar

( Mar 2018 )

10<sup>th</sup> Board

**Percentage :** 80 %

## ACADEMIC PROJECTS

### Leave Management System

**Technologies:** Java, MySQL, Spring Boot, JPA, REST API, Postman, HTML, CSS, JavaScript

- Developed a full-stack Leave Management System to handle employee leave requests and approvals.
- Implemented role-based features for Employees and Managers with RESTful APIs.
- Integrated MySQL for persistent data storage and used Spring Data JPA for ORM.
- Designed and secured endpoints with proper validation and custom exception handling. [GitHub Link](#)

### Job Application

**Technologies:** Java, MySQL, JDBC, Spring Boot, JPA, REST API, Hibernate Postman

- Developed a RESTful API for managing job posts, including CRUD operations using Spring Boot and JPA.
- Utilized Spring Data JPA for seamless database interaction and MySQL for efficient data storage and management.
- Implemented Aspect-Oriented Programming (AOP) for method-level logging with SLF4J to track job post operations and exceptions.
- Tested and validated API endpoints using Postman, ensuring correct CRUD functionality, input validation, error handling, and HTTP status codes. [GitHub Link](#)

### AI Voice With Hand Gestures Interaction

**Technologies:** Python, OpenCV, Speech recognition, Hand Tracking module.

- Developed a Python-based system that utilizes voice commands and hand gestures for task execution.
- Enables voice volume adjustment, application launching, mouse control, and web browsing through intuitive interactions.
- Acts as an input device by leveraging a microphone and webcam for real-time command recognition.
- Utilizes OpenCV and speech recognition to enhance accuracy and responsiveness.
- Interacts with the operating system for seamless task automation, improving user experience and efficiency. [GitHub Link](#)

## Position of responsibility

Treasurer | College Department Forum( IETE )

(2021- 2023)

## Hobbies

Video Editing