

# Vipul Chavan

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## SUMMARY

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Enthusiastic Information Technology student with a strong foundation in Java and databases. Experienced in building real-world applications and solving algorithmic problems. Passionate about continuous learning, problem-solving, and developing reliable software solutions.

## TECHNICAL SKILLS

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**Languages:** Java, Python  
**Database:** MySQL  
**Web Technologies:** HTML, CSS, JavaScript  
**Developer Tools:** Git, GitHub, VS Code, IntelliJ IDEA  
**Operating Systems:** Linux, Windows  
**Core Subjects:** Data Structures, DBMS, Operating Systems  
**Soft Skills:** Problem solving, Team collaboration, Communication

## PROJECTS

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### Expense Tracker Application

[GitHub](#)

- Technologies: Java, MySQL, JDBC, JavaFX
- Developed a desktop-based application to record, categorize, and manage daily expenses with persistent database storage.
- Implemented CRUD operations, expense filtering, and summary reports to analyze user spending patterns.

### Employee Management Application

[GitHub](#)

- Technologies: Java, MySQL, Swing
- Built a Java-based system to manage employee records with complete CRUD functionality and database integration.
- Centralized employee data to improve data accuracy and reduce manual record handling.

### Text-to-Speech Application

[GitHub](#)

- Technologies: Python, pyttsx3, pytesseract, Tkinter
- Implemented OCR-based text extraction from images and PDFs with configurable speech parameters.

## CERTIFICATIONS

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### Java Certificate (Udemy)

June 2024

OOP, Collections, Multithreading

### Python Course (Scaler)

March 2024

Python fundamentals and project development

## ACHIEVEMENTS

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Solved **160+ algorithmic problems** across LeetCode and GeeksforGeeks, using Java and MySQL, covering Arrays, Strings, Hashing, Two Pointers, Binary Search, and SQL queries.

## EDUCATION

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### Terna Engineering College (University of Mumbai)

*Bachelor of Engineering in Information Technology*

Nerul, Navi Mumbai

2022: 2026

### D.B.J. College

*Higher Secondary Certificate (HSC), Science*

Chiplun, Maharashtra

2020 – 2022