

Vipul Chavan

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SUMMARY

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

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

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

Java Certificate (Udemy)

June 2024

OOP, Collections, Multithreading

Python Course (Scaler)

March 2024

Python fundamentals and project development

ACHIEVEMENTS

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

EDUCATION

Terna Engineering College (University of Mumbai)

Nerul, Navi Mumbai

Bachelor of Engineering in Information Technology

2022 - 2026

D.B.J. College

Chiplun, Maharashtra

Higher Secondary Certificate (HSC), Science

2020 - 2022