



Dhruv Maheshwari

CONTACT

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SKILLS

- SQL Database Management
- Linux/Unix Command line
- Python
- C/C++
- JAVA

LANGUAGES

- English: Fluent
- Hindi: Native

HOBBIES

- Music
- Esports
- Gaming

PROFILE

Ambitious and proactive sophomore computer science student with a strong passion for financial technology and problem-solving. Driven by the belief that the most impactful solutions often arise from connecting the dots between seemingly unrelated fields.

PROJECTS

Gym Management System

JavaFX, Java, HTML/CSS

Nov 2024

- Created a user-friendly interface with **JavaFX** for gym staff to easily manage member data, including personal details and membership status.
- Designed and implemented object-oriented models with **Java** for members, workouts, and payments to ensure scalability and maintainability.
- Implemented a custom functionality to generate workouts and diet goals for gym members according to their body weight, gender and age.

StockTracker: Stock Management System

Python, SQL Plus, Flask

March 2025

- Designed and implemented a relational database in SQL Plus to manage stock information, transactions, and user accounts with three core tables: **Stocks**, **Transactions**, and **Users**.
- Created a user-friendly **front-end** interface using **Flask** (web-based) for easy interaction with the system, including viewing stock prices and managing transactions.
- Utilized **Python** and the **yfinance** library to fetch real-time stock data from Indian markets (NSE/BSE) and update the database continuously.

EDUCATION

Bachelors in Computer and Communication Engineering

July 2023 – August 2027 (expected)

Manipal Institute of Technology, Manipal