

# Dhruv Maheshwari



📍 Jaipur, India   ✉ dhruvmaheshwari2004@gmail.com   📞 +91 8619404200   🌐 dhruvm.netlify.app

## 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.

## Education

### Bachelors in Computer and Communication Engineering

July 2023 – August 2027

Manipal Institute of Technology, Manipal

CGPA: 9.27 / 10

## Skills

- **Relevant Coursework:** Data Structures and Algorithms, Computer Systems, Database Management, OOP
- **Languages:** Python, C, C++, Java, SQL, Bash, HTML, JavaScript
- **Technologies:** Django, Flask, FastAPI, Numpy, Pandas, Matplotlib, yfinance, Git, GitHub

## Projects

### URL Monitor

June 2025

Django, SQLite, Bootstrap, Celery

- Built a scalable monitoring system to track the **uptime and response times** of user-submitted URLs with custom alert thresholds.
- Implemented **asynchronous health checks** using Celery with Redis as a message broker to handle periodic uptime verification in the background.
- Integrated email alerting via **Gmail SMTP**, notifying users instantly when their URLs go down or recover.

### StockTracker: Stock Management System

April 2025

Flask, PostgreSQL, HTML/CSS

- Designed and implemented a **relational database** in PostgreSQL to manage portfolio and stock information
- Created a minimalist front-end using HTML/CSS for viewing stock prices, portfolio and managing transactions
- Utilized Python and yfinance library to fetch **real-time stock data** from Indian markets (NSE and BSE)

### Portfolio Website

June 2025

HTML/CSS, JavaScript

- **Vibe coded** a minimalist portfolio website using **basic web technologies**
- Ensured **cross-browser compatibility** and mobile responsiveness
- Implemented **responsive design** using HTML5, CSS3, and minimal JavaScript

## Co-Curriculars

### Management, ESOM – Economics and Finance Society of Manipal

Nov 2023 – May 2025

Engaged in finance research discussions, helped organize events, and participated in workshops during the first two years.

### Associate, E-Cell – Entrepreneurship Cell, MIT Manipal

Nov 2023 – May 2024

Collaborated with peers to promote startup culture; assisted in conducting ideation workshops and speaker sessions.