

Dhruv Maheshwari

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EDUCATION

Manipal Institute of Technology

July 2023 – Present

B.Tech in Computer and Communication Engineering — CGPA: 9.27/10.0

Maheshwari Public School

2010 – 2022

Higher Secondary (12th CBSE) - 91%

ACHIEVEMENTS

Finalist in **JPMC Code for Good 2025 Hackathon** – Selected among top 50 teams from over 18,000+ students nationwide.

EXPERIENCE

Management Committee

Nov 2023 – May 2025

ESOM – Economics and Finance Society of Manipal

- Assisted in organizing **5+** finance workshops with **150+** combined attendees, improving financial literacy across campus.
- Researched economic trends and contributed to collaborative learning sessions.

Associate

Nov 2023 – May 2024

E-Cell – Entrepreneurship Cell

- Promoted innovation and startup culture through event planning and ideation workshops.
- Contributed to campus entrepreneurship summit featuring **12+** student-led ventures.

PROJECTS

URL Monitor | Django, Celery, Redis, SQLite, Bootstrap

June 2025

- Engineered a full-stack monitoring system that tracks the **health and uptime** of any number of URLs.
- Used **Celery and Redis** to perform **asynchronous health checks** in the background.
- Configured email alerts via **Gmail SMTP** to notify users of downtime and recoveries.
- Built a minimal dashboard for users to manage their monitored URLs.

Stock & Portfolio Tracker | Flask, PostgreSQL, yfinance, HTML/CSS

April 2025

- Built a web app to help users **buy/sell stocks, view portfolio, and track real-time prices**.
- Modeled financial data with PostgreSQL schemas and used **yfinance** to fetch stock prices from **Indian Markets**.
- Created backend logic to compute portfolio valuation and individual gains/losses.

Loan Tracker | FastAPI, SQLite

July 2025

- Created a simple web application to track **loans given to individuals**, including total principal and interest.
- Implemented logic to track **missed payments**, calculate **total amount recovered**, and display defaulters.
- Used SQLite to persist transactions and repayments with summary reporting features.

Portfolio Website | HTML5, CSS3, JavaScript

June 2025

- Designed responsive personal website achieving a **96 Lighthouse performance** score.
- Ensured **mobile-first responsiveness** and browser compatibility using modern CSS.

TECHNICAL SKILLS

Languages: Python, C, C++, Java, SQL, Bash, HTML, JavaScript

Frameworks/Tools: Django, Flask, FastAPI, Celery, Pandas, Numpy, Matplotlib, yfinance, Git, GitHub

Concepts: Data Structures, Algorithms, Object-Oriented Programming, Relational Databases, Computer Systems