

# DIPESH MAHAJAN

Ambegaon BK., Pune • +91 6263807893 • dipeshmahajan26@gmail.com



## CAREER OBJECTIVE

Aspiring AI/ML Engineer with a strong foundation in Python and hands-on experience building real-world CLI and API-based tools. Currently pursuing M.Tech and committed to mastering data science, machine learning, and software engineering practices. Seeking opportunities to apply and grow in challenging tech environments.

## SKILLS

- **Programming:** Python (Core, OOPs, File Handling, Threading, SQLite)
- **Tools & Libraries:** Git, Requests, JSON, BeautifulSoup, Pandas (learning), NumPy (learning)
- **Concepts:** REST APIs, CLI Apps, Modular Programming, SQLite3, Basic HTML/CSS
- **Currently Learning:** Data Science Libraries, Machine Learning Fundamentals

## PROJECTS

### Weather Info CLI Tool

- Build a CLI tool that fetches real-time weather data using the OpenWeatherMap API.
- Includes input validation, error handling, and structured weather output.
- Securely manages API keys using environment variables.
- Technologies: Python, Requests, REST API, JSON, dotenv, CLI

### YouTube Video Manager

- A CLI-based video management system to add, update, delete, and list YouTube video records.
- Implements SQLite for persistent storage with structured query operations.
- Features menu-based interaction and clean tabular output formatting.
- Technologies: Python, SQLite3, SQL, CLI, CRUD Operations, OOP Concepts

### Book Price Scraper

- A web scraper that extracts book titles and prices from books.toscrape.com using BeautifulSoup.
- Stores the data in a structured CSV format using Pandas.
- Handles HTTP requests with custom headers to simulate a browser.
- Technologies: Python, Requests, BeautifulSoup, Pandas, Web Scraping

## EDUCATION

### Master of Technology in Information Technology

Bharati Vidyapeeth Deemed University, Pune

Aug 2024 - Pursuing

### Bachelor of Technology in Computer Science and Engineering

Sage University, Indore

Sep 2020 - May 2024