

Rishabh Dhawad

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PROFESSIONAL SUMMARY

Python Developer specializing in **backend systems and stock market analytics**, currently building a scalable pattern detection platform using **FastAPI** and **PostgreSQL**. Experienced in developing high-performance APIs, data pipelines, and automation systems through internships and real-world projects.

TECHNICAL SKILLS

Technologies: Python, SQL, FastAPI, Flask, Web Scraping, Automation, PostgreSQL, MySQL, SQLAlchemy, BeautifulSoup, Selenium, JavaScript, React.js, HTML, CSS, Bootstrap, Tailwind CSS, Git

EXPERIENCE

ING Infotech - Full Stack Developer

December 2025 – Present

- Developing a scalable **Stock Market Analytics Platform** using **FastAPI** and **PostgreSQL**.
- Designed and implemented backend architecture for multi-timeframe stock scanning, enabling efficient analysis across daily, weekly, and custom intervals.
- Built technical pattern detection modules including **Double Bottom**, **Double Top**, and **50% Move** identification using structured financial data pipelines.
- Developed RESTful APIs and integrated components using **FastAPI** and **Flask** to support real-time analytics and extensible system design.

Web Scraping and Automation Projects - Python Developer

January 2025 – November 2025

- Built a real-time stock price tracking and alerting system using Python to scrape live market data for NSE stocks from the Groww website.
- Used **Selenium** to automate browser navigation and extract stock prices from JavaScript-rendered pages.
- Parsed and structured scraped data using **BeautifulSoup** and **Pandas**, enabling further analysis and threshold-based alerts.
- Delivered instant alerts via **SMTP** (email) and **Twilio** (SMS), enhancing response time to market changes.

INTERNSHIP EXPERIENCE

Allsoft Solutions And Services Private Limited

Feb 2024 – May 2024

- Developed a real-time lecture transcription web app using **Speech Recognition**.
- Built a lecture transcription app using **Google Speech Recognition**; transcribed 300+ minutes/week of audio
- Designed and developed a responsive user interface using **HTML5** and **CSS3**

Tech Vraksh

April 2024 – June 2024

- Optimized **React.js** component architecture for better performance across devices.
- Implemented standardized **Git** workflows for efficient version control and collaboration.
- Designed and developed user interfaces using **JavaScript**, **React.js**, **Bootstrap**, and **Tailwind CSS**.

PROJECTS

Market Compass - Stock Market Analytics Platform

- Built a stock market analytics platform for tracking market data, gainers, losers, volume, and technical patterns.
- Developed **FastAPI** backend services with **PostgreSQL** for scalable market data processing and storage.
- Implemented multi-timeframe technical pattern detection including **Double Bottom**, **Double Top**, **50% Move**

Fit App - The Fitness Club

- Built a live gym management app used by **100–200 members daily**.
- Developed the frontend with **React JS** and backend with **FastAPI** and **SQLAlchemy**.
- Delivered the freelance project end-to-end, from development to deployment and maintenance.

EDUCATION

Shri Vaishnav Vidyapeeth Vishwavidyalaya - 8.32 CGPA/10 CGPA

Indore, India

Bachelor of Technology in Computer Science Engineering

August 2020 – September 2024