



SIDDHANT SHARMA

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EXPERIENCE

FLIPKART | DATA ANALYST

Aug 2024 – Present

- Spearheaded data-driven initiatives using **SQL**, Flipkart Cloud, **Google Sheets**, **Charts**, and **Excel** pivots to extract, transform, and operationalize insights from large-scale datasets—supporting real-time KPI tracking, campaign analysis, and strategic business planning.
- Leveraged Python (**Pandas**, **NumPy**) to process high-volume structured data and uncover patterns in pricing, product selection, and category performance.
- Designed and implemented a granular Price Increase (PI) monitoring framework, delivering visibility across categories, verticals, seller cohorts, and business teams—leading to a **0.3%** reduction in overall category PI.
- Built and deployed interactive dashboards with **Streamlit** and **Plotly** to visualize key trends in revenue share, pricing dynamics, inventory health, and customer engagement.
- Developed burn-tracking models across category portfolios, enabling cost controls that saved **₹4 lakh+** daily by minimizing inefficient spend.

LIFTU.TECH | FRONTEND TRAINEE

Feb 2024 – July 2024

- Built engaging Student Panel with Home, **AI-powered Chat**, and Take Assessment functionalities.
- Leveraged **Next.js**, **TypeScript**, and **Tailwind CSS** for a robust, scalable, and stylish interface.
- Collaborated effectively with a 5-member team via **Git** to deliver a seamless user experience for student test-taking.

PROJECTS

ALLOPS PLATFORM | GITHUB | LIVE

- A dynamic **CRUD** web application using **Django**, **JavaScript**, **HTML/CSS**, **Bootstrap**, **Postgres** and **Heroku**
- Facilitated global academic engagement by allowing users to effortlessly filter, save, share, and contribute opportunities.
- Enabled users to personalize their experience by subscribing to tailored **mail-notifications** based on interest tags.

TRADING SMA | GITHUB

- Engineered a **Jupyter-based** application leveraging **PostgreSQL**, **Plotly**, **Pandas**, and **NumPy** to implement a 'simple moving averages' trading strategy on provided Excel data.
- Employed **Python** to seamlessly insert ticker data into a **database**, subsequently extracting and processing it into datasets for analysis with robust **unit testing** and Validation.

SKILLS

LANGUAGES: C | C++ | Python | SQL

FRAMEWORKS: Django | Streamlit | Next.js

LIBRARIES: NumPy, Pandas | Plotly | React.js

DATABASE: SQLite | Postgres

OS & TOOLS : Linux (RHEL) | Github

EDUCATION

Arya College of Engineering and I.T. (Affiliated To RTU)

B-Tech in Computer Science

2020 – 2024 CGPA: 9

ST Anselm's North City School (CBSE)

High School, 2018 – 2020

XII Percentage: 66.4%

X Percentage: 84%

CERTIFICATIONS

- **HARVARD CS50:** Web Programming with **Python** and **JavaScript**
- Red hat Certified System Administrator (**RHCSA**)

COURSEWORK

Data Structures and Algorithm Software Engineering

Object Oriented Programming

Database Management Systems

Operating Systems

Theory of Computation

ACHIEVEMENTS

- **Lead Author**, *Modern Backend Development Technologies: A Comparative Review and Case Study*, published in Springer LNNS (Vol. 1030); presented at ICE-TEAS 2024.
- Acknowledged as one of the top 18 finalists in **Ace Hack 2.0**.