

Siddharth Jain

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EDUCATION

JSS Academy of Technical Education

B. Tech in Information Technology

2021 – 2025

Noida, UP

Bharti Public School

Class 12th (80%)

2020 – 2021

Delhi, India

Bharti Public School

Class 10th (82%)

2018 – 2019

Delhi, India

TECHNICAL SKILLS

Programming Skills: Python, Java, ML, OS

Database Management: MySQL, Microsoft SQL Server, PostgreSQL

Data Analysis and Visualization: Power BI, Tableau, Microsoft Excel, Microsoft Power Point, Data Modelling

Python Libraries: NumPy, Pandas, Matplotlib, Selenium, Scikit learn, Seaborn

Soft Skills: Problem Solving, Detail-Oriented, Strategic Thinking, Effective Communication, Reporting & Documentation

WORK EXPERIENCE

APK Graphics Pvt Ltd

7th Feb 2024 – 14th Apr 2024

Data Analyst Intern

Delhi, India

- Built and deployed a **machine learning-based stock market prediction model** achieving **82% accuracy** in trend forecasting.
- Conducted **data mining and statistical analysis**, identifying **5+ key trends** that optimized strategic decision-making.
- Developed and automated **ETL pipelines** for seamless **data transformation and processing**.
- Tech Stack used: Python: (Pandas, NumPy, Selenium, Scikit-learn, Matplotlib), Hugging face, Excel.

IT dose Infosystems

15th Oct 2023 – 15th Dec 2023

Software Developer Intern

Noida, India

- Optimized **data processing efficiency and accuracy** in medical imaging software.
- Assisted in **process improvement** initiatives for healthcare analytics and optimized software flow.
- Documented **functional requirements, test cases**, and collaborated on cross-functional project planning.

PROJECTS

Stock Market Prediction Model | Python, SQL, Machine Learning, Excel

- Developed a predictive model for **time series analysis**, utilizing **K-Means clustering & regression techniques** to analyze market trends.
- Pre-processed and cleaned historical stock data for **data-driven investment insights**.
- Implemented **ROI analysis** and **trend forecasting** to assist in **data-driven investment decisions**.
- Automated **data extraction, feature engineering, and visualization** using Pandas, Matplotlib, NumPy.

Hospitality Data Analytics Dashboard | Power BI, Python, SQL, DAX

- Designed an **interactive Power BI dashboard** for **business intelligence & KPI monitoring** in the hospitality sector.
- Integrated **data wrangling & ETL processes** for automated data updates.
- Applied **advanced Excel functions (Pivot Tables, VLOOKUP, Power Query)** for in-depth data analysis.
- Implemented key **business metrics (RevPAR, ADR, Occupancy Rates)** for strategic decision-making.

Zomato Sales & Customer Insights Dashboard | Python, Power BI, DAX, Excel

- Developed Power BI dashboards for Zomato KPIs, generating **performance metrics** and **automated reports** to support **tactical decision-making** and **business strategy**.
- Performed **data extraction, transformation, and loading (ETL)** to preprocess raw Zomato sales data.
- Developed **DAX measures** and **calculated columns** to enhance reporting and automate insights.
- Created **dynamic visualizations** to track **KPIs, revenue trends, customer retention, and order volumes**.
- Generated **data-driven insights** to support strategic decision-making for business growth.

ACADEMICS AND EXTRACURRICULAR ACHIEVEMENTS

- Completed Accenture Data Analyst Simulation**, advising a **social media client with data-driven insights**.
- Google Analytics Certification** – Completed Google Analytics for Intermediate.
- Participated in **Yuva x Google Immersion Session**, collaborating with **Google's professional analysts**.
- Introduction to Career Skills in Data Analytics** – Completed a course covering data analytics fundamentals and tech career skills.
- Data Analytics Course – 30DaysCoding**: Completed a data analytics course covering essential concepts and practical skills.