Siddharth Jain

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EDUCATION

JSS Academy of Technical Education   **2021 – 2025**
B. Tech in Information Technology   *Noida, UP*

Bharti Public School   **2020 – 2021**
Class 12th (80%)   *Delhi, India*

Bharti Public School   **2018 – 2019**
Class 10th (82%)   *Delhi, India*

TECHNICAL SKILLS

Programming Languages: Python, Java, ML, OS, HTML, CSS
Database Management: MySQL, Microsoft SQL Server, PostgreSQL, NoSQL
Data Analysis and Visualization: Power BI, Tableau, Microsoft Excel, Microsoft Power Point, Data Modelling
Python Libraries: NumPy, Pandas, Matplotlib, Selenium, Scikit-learn
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.
- Designed, implemented, and deployed **new features for healthcare applications** improving user experience.
- Collaborated with cross-functional teams for **debugging, troubleshooting, and optimizing** software performance.

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.

Loan Eligibility Prediction Model |*Python, SQL, Machine Learning, Excel*
- Developed a **classification model using Logistic Regression & Decision Trees** to predict loan approvals.
- Cleaned and processed **structured & unstructured data**, handling missing values, outliers, and categorical encoding.
- Evaluated models using **accuracy, precision, recall**, and optimized hyper parameters.
- Built **data visualizations & statistical analysis reports** to enhance model interpretability.

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 **Yuvaa 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.