

Archita Sinha

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Professional Summary

Pursuing BTech in Computer Science from Vivekananda Institute of Professional Studies, Delhi. Skilled in data analytics, programming, and web development, with hands-on experience in building impactful solutions. Proficient in Python, SQL, Power BI, and Excel, and passionate about leveraging data and technology to solve real-world problems.

Education

Vivekananda Institute of Professional Studies, Delhi
Bachelor of Technology (BTech) in Computer Science

2022 – 2026
CGPA: 7.8

Technical Skills

- **Programming:** Python, C++, SQL
- **Web Development:** React.js, HTML, CSS, JavaScript
- **Data Analytics:** Pandas, NumPy, Power BI, Excel Dashboards
- **Visualization:** Seaborn, Matplotlib
- **AI/ML:** Machine Learning, Statistical Data Analysis

Certifications

- **Data Analyst Certification** – Techstack (June 2024 – September 2024)
- **Web Development Masterclass** – Pantech.AI (September 2024 – October 2024)

Projects

- **AI Model for Electricity Demand Prediction** [GitHub Link](#)
 - Developed a predictive model for electricity demand in Delhi using weather and locality data.
 - Skills: Python, AI, ML, Data Visualization
- **Bank Fraud Detection** [GitHub Link](#)
 - Built a system to detect anomalies in transaction datasets using SQL.
 - Skills: SQL, Data Analysis
- **Excel Personal Expense Tracker** [GitHub Link](#)
 - Designed an advanced dashboard to visualize personal expenses.
 - Skills: Microsoft Excel, Dashboards
- **Telecom Churn Analysis** [GitHub Link](#)
 - Integrated Power BI, SQL, and ML for predictive analytics.
 - Skills: Power BI, Python, Machine Learning
- **Python EDA Projects: House Prices and Weather Dataset**
 - House Prices Analysis [GitHub Link](#)
 - Weather Dataset [GitHub Link](#)
 - Skills: Pandas, NumPy, Seaborn, Matplotlib

Internship Experience

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| Data Analytics Intern – Techstack | Sep 2024 – Dec 2024 | Saket, Delhi |
| <ul style="list-style-type: none">• Conducted EDA on weather and house price data using Python.• Developed a Bank Fraud Detection System with SQL.• Created an integrated Power BI-ML project for predictive analytics.• Designed an Excel dashboard to track expenses. | | |