

Sai Praneeth Veerapalli

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SUMMARY

Data Analyst with around 2 years of experience in Python, SQL, Alteryx, Microsoft Excel and Tableau, delivering insights and optimizing workflows. Proven success in ETL pipelines and predictive models

SKILLS

Languages/Frameworks known Python, R, SQL, C#, NumPy, Pandas, Scikit-learn, PyTorch

Databases worked with MySQL, MongoDB, PySpark, DynamoDB, Snowflake

Platforms worked with PowerBI, Tableau, Alteryx, Microsoft Excel, Google Data Studio, AWS

EXPERIENCE

Data Analyst Jan 2022- Dec 2022

SourceOne Technology Solution India

- Developed an automated ETL pipeline using Python and MongoDB, streamlining data ingestion and improving data consistency across multiple sources.
- Automated payroll data validation using Python and Excel, reducing errors by 30% and ensuring compliance with HR policies through anomaly detection

Intern Data Analyst Jul 2021- Dec 2021

Source One Technology Solution India

- Analyzed operational data using SQL, identifying inefficiencies in business processes and providing actionable insights for process optimization
- Designed HR analytics dashboards using SQL and Tableau, providing insights on workforce trends, employee retention, and training effectiveness to drive strategic decisions

Summer Intern May 2020 – Jul 2020

BATX Energies India

- Collected and analyzed survey data to train Machine Learning models for battery performance prediction
- Implemented ARIMA models for time-series forecasting, optimizing battery lifecycle predictions and improving maintenance planning

PROJECTS

Customer Support Call Analysis Jun 2024

- Transcribed customer calls using Speech Recognition and performed sentiment analysis with Vader and machine learning for accurate insights
- Analyzed customer complaint trends using spaCy for entity extraction and text similarity

Data Pipeline Development for Eviction Data Analysis Feb 2024

- Developed an automated ETL pipeline using Python, PostgreSQL, and Airflow to process live eviction data from NYC's open data API
- Enabled seamless integration with Tableau for dynamic data visualization

EDUCATION

Northeastern University - Boston, MA Dec 2024

Masters, Data Analytics Engineering

BML Munjal University - Haryana, India Jul 2022

Bachelors, Electronics and Communication Engineering

CERTIFICATIONS

Microsoft Power BI Data Analyst Associate [Link](#)

Alteryx Designer Core [Link](#)

Google Data Analytics Professional Certificate [Link](#)