

PRANJAL SINHA

173-T Shivpur Shahbazganj Gorakhpur 273014

☎ 9026776813 ✉ ppranjalsinha@gmail.com  [linkedin.com/in/pranjal68/](https://www.linkedin.com/in/pranjal68/)  github.com/Pranjal2690

Education

Ajay Kumar Garg Engineering College

Aug. 2020 – Aug 2023

Bachelor of Technology - Computer Science Information Technology

Ghaziabad, U.P.

Experience

Innovaccer Analytics Pvt Ltd. (US Healthcare)

Feb 2024 – August 2024

Data Ops Engineer - Apprentice

Noida, U.P.

- Designed and implemented ETL pipelines from scratch using Python and SQL, integrating raw data from Snowflake and SSIS into Azure Data Lake (ADL) and AWS S3.
- Executed advanced SQL queries in PostgreSQL and Snowflake to manage and analyze large datasets.
- Utilized GIT for version control, ensuring efficient communication with AWS S3 cloud repositories.
- Managed schedules and logs using Azkaban, enhancing workflow efficiency.
- Developed insightful dashboards using Power BI and Tableau, providing actionable insights and achieving an 18-20% reduction in client expenses.
- Implemented cost-saving strategies, reducing cloud costs by 8-10%.
- Consistently met and exceeded SLA targets with a 98% success rate.
- Facilitated weekly client meetings and monthly extended sessions using JIRA, addressing concerns and feedback effectively.
- Created ETL alert solutions using Python scripts to ensure SLA adherence.
- Streamlined multiple ETL jobs into a single end-to-end job for easier debugging and maintenance.

Projects

Twitter Sentiment Analysis. | *Python, NLP, Data Preprocessing, Classification Models*

Feb 2023

- Developed a sentiment analysis model to classify Twitter posts as positive, negative, or neutral using Natural Language Processing (NLP) techniques.
- Preprocessed and cleaned large datasets of tweets using Python libraries such as NLTK and Pandas, ensuring data quality for accurate analysis.
- Trained and evaluated multiple machine learning models, including Logistic Regression, SVM, and Random Forest, achieving an accuracy of more than 95 percent.
- Deployed the final model using Flask for real-time sentiment analysis, enhancing user engagement by providing instant feedback on tweet sentiments.

Spotify Clone. | *Javascript, Nodejs, Expressjs, Reactjs, MongoDB, etc*

Jun 2022

- Developed a Spotify clone using the MERN stack for music streaming, with a responsive UI built in React.js.
- Implemented JWT-based user authentication and integrated the Spotify API to fetch real-time music data.
- Deployed on Heroku with MongoDB Atlas, ensuring scalable and efficient database management.

Personal Portfolio Website. | *HTML, CSS, Javascript*

Jan 2022

- Created a personal portfolio website to showcase projects, skills, and professional experience.
- Designed a responsive, user-friendly interface for easy navigation and accessibility across devices.

Technical Skills

Programming Languages: C++, Python, Javascript.

Data Analysis & Visualization: Numpy, Pandas, Matplotlib, Power BI, Excel.

Tools/Technologies: Apache Airflow, Kafka, Jenkins, ADLS, AWS S3 & EC2.

Databases: PostgreSQL, MongoDB, MySQL.

Version Control: Git, Linux, Shell Scripting.

Achievements

- Secured 19th rank in coding competitions (Codeshell, Code-inCorona, Code-O-Fiesta 5.0) organized by the college.
- TCS Codevita Season 10 Round 1 Qualified ranked -4708.
- 300+ Problem Solved on DSA on different coding platforms.