Prince H. Pastakiya

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PROFESSIONAL SUMMARY

Data Engineer | Data Analyst

Highly skilled Data Engineer with 2+ **years** of experience in developing and managing data solutions to drive business insights. Proficient in **ETL processes**, **data modeling**, and **data pipeline development**, with expertise in **Python**, **cloud technologies**, and **SQL**. Experienced in creating insightful visualizations and dashboards using **Power Query**, **Tableau**, and **Power BI**, with personal projects demonstrating proficiency in data visualization and business intelligence. Known for analytical thinking, attention to detail, and commitment to optimizing data workflows. Eager to leverage technical and analytical expertise in a **Data Engineering** or **Data Analysis** role.

PROFESSIONAL WORK EXPERIENCE

Capital One - McLean, *VA*   05/2023 - PRESENT

Data Engineer

As a Data Engineer at Capital One, leveraged data engineering skills to build and optimize data pipelines, manage large-scale data integrations, and enhance data accessibility for analytics. Worked closely with cross-functional teams to ensure data quality, scalability, and compliance.

- Developed and maintained ETL pipelines using SQL and Python to process and transform high-volume data for downstream analytics.
- Implemented data quality checks and automated data validation processes, reducing data inconsistencies by 30%.
- Collaborated with product and analytics teams to define data requirements, enabling better alignment with business needs.
- Managed data workflows and integrations across Snowflake, AWS Redshift, and SQL-based systems to centralize data storage and improve processing efficiency.
- Created dashboards in Tableau to monitor pipeline performance and alert systems, enhancing response times for data issues.

Krayon Data Solutions – Remote   01/2022 – 06/2022

Data Analyst Apprenticeship

As a Data Analyst at Krayon Data Solutions, supported business intelligence initiatives for diverse clients by conducting in-depth data analysis and creating customized reporting solutions. Focused on extracting insights from complex datasets and delivering data-driven recommendations to enhance client decision-making.

- Conducted data analysis using SQL, Python, and R to identify trends and generate actionable insights for various client industries, including retail and finance.

- Collaborated with product and engineering teams to define data requirements and optimize analytics workflows.
- Developed dynamic dashboards in Power BI and Tableau, allowing stakeholders to monitor key metrics and performance indicators.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate | Amazon Web Services   07/2024

PROFESSIONAL PROJECTS

Capital One – McLean, VA   02/2024 - PRESENT

Customer Transaction Data Pipeline Optimization

Worked with a team of data engineers and analysts to design and optimize a data pipeline for processing customer transaction data from multiple sources. The project aimed to improve data quality, reduce processing time, and provide near real-time insights to stakeholders.

- Worked with Python and SQL to clean, transform, and prepare the data for downstream analysis, optimizing query performance and ensuring data integrity.
- Collaborated with analysts to design interactive dashboards in Tableau that visualized key performance indicators (KPIs), giving product and business teams access to timely insights on transaction volumes, patterns, and anomalies.

EDUCATION

- **Troy University -** *Troy, AL*
- Bachelor of Science – Computer & Information Sciences

PROFESSIONAL SKILLS

- **Programming Language:** Python, JavaScript, HTML5, CSS, SQL
- **Data warehousing & ETL**: ETL Processes and Tools, Data Modeling
- **Big Data Tools:** Apache Spark
- **Cloud Platforms**: AWS (Amazon Web Services), Google Cloud, Microsoft Azure
- **Technologies:** MongoDB (No-SQL), MySQL, PostgreSQL
- **Version Control:** Git
- **Data Visualization:** Tableau, Power BI