Venkata Gajulapalli

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A seasoned Data Engineer with a proven track record in designing and implementing scalable data infrastructure solutions. Adept at crafting end-to-end data pipelines to seamlessly collect, process, and analyze large datasets. Proficient in leveraging cloud technologies like GCP and AWS, as well as programming languages such as Python and SQL. Collaborate effectively with cross-functional teams to deliver robust solutions that drive actionable insights and business value. With a solid foundation in machine learning, I am committed to unlocking the full potential of data-driven decision-making.

Skills

- **Data Engineering:** PySpark, Apache Airflow, Dataflow, AWS Glue, Databricks
- **Data Warehousing & Databases:** BigQuery, Snowflake, SQL
- **Machine Learning & NLP:** Machine Learning, NLP
- **BI TOOL:** Data Studio(**Looker)**

- **Cloud Platforms:** GCP, AWS
- **Programming Languages:** Python
- **Version Control & CI/CD:** Git, GitHub Actions

Work History

Data Engineer

Google Via Artech L.L.C., Bengaluru, India   *August 2022 - Current*

- Designed interactive dashboards to visualize fraud detection anomalies and alert analysts in real-time.
- Developed and optimized ETL pipelines for integrating large datasets, ensuring accuracy and efficiency.
- Created fraud detection metrics and alert mechanisms, enhancing algorithm accuracy and reliability.
- Leveraged BigQuery SQL for scalable data processing and insights extraction from large datasets..
- Automated fraud detection workflows and implemented POCs to streamline system processes.

Junior Data Scientist

Orion Tech Spirits, United Kingdom ,Hatfiled   *February 2022 - August 2022*

- Designed and implemented robust ETL pipelines in AWS using Snowflake for seamless data integration and transformation.
- Optimized data workflows for high-volume datasets, ensuring accuracy, reliability, and scalability.
- Developed analytical models to derive actionable insights from integrated datasets, supporting business decision-making.
- Automated data pipeline monitoring and troubleshooting processes to enhance efficiency and minimize downtime.

- Collaborated with cross-functional teams to understand data requirements and deliver tailored solutions leveraging Snowflake's cloud capabilities.

- Ensured compliance with data governance and security best practices in cloud-based environments.

Data Engineer Intern

CONSILIUM CONSULTING, United Kingdom   *January 2021 - November 2021*

- Collaborated on ETL tasks using Apache Beam for data transformation, ensuring data integrity and stability throughout pipelines.

- Designed and implemented Dataflow pipelines to process and transform large datasets, writing results seamlessly to BigQuery.

- Ensured efficient and reliable data workflows by optimizing pipeline performance and monitoring execution.

Education

Master of Science in Artificial Intelligence With Robotics September 2021
University of Hertfordshire, Hatfield,U.K