SOHITH CHINNAM

Data Engineer

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Summary

Data Engineer skilled at optimizing workflows with Airflow, Databricks and PySpark, transforming 10TB S3 data to Snowflake and Hive, boosting revenue by 15%. Led 40+ Airflow DAGs, enhancing efficiency by 25%. Implemented ServiceNow incident management, reducing resolution time by 25%. Dissected user data, guiding impactful marketing strategies.

Technical Skills

- **Data Technologies:** Big Data (HDFS, Hive, Spark), Hadoop Ecosystem, Databricks, Snowflake, DBT
- **Programming Languages:** Python, Scala
- **Workflow Automation:** Airflow
- **Data Visualization:** Power BI, Tableau
- **Cloud Services:** AWS (EC2, S3, Redshift, EMR)
- **Version Control:** Git
- **Issue Tracking:** JIRA
- **Service Management:** ServiceNow (ITSM)
- **Databases:** MySQL, MongoDB, HBase
- **Analytics Tools:** Excel

Professional Work Experience

Nike   January 2022 – Present
Data Engineer

- Orchestrated a cross-functional team of four, expertly implementing an automated PySpark framework using Spark to achieve a noteworthy 10% reduction in human hours.
- Executed intricate Airflow and PySpark data solutions, significantly amplifying data processing scalability.
- Effectively extracted and expertly loaded an impressive 10TB of S3 data into both Snowflake and Hive via Spark on EMR, resulting in a substantial 15% revenue surge.
- Strategically automated complex data transformations using DBT, competently slashing manual workload.
- Expertly formulated and accurately designed Tableau reporting, resulting in an impressive 75% reduction in manual reporting time.
- Devised and cautiously maintained a diverse portfolio of 40+ Airflow Directed Acyclic Graphs (DAGs) spanning many databases, remarkably boosting overall efficiency by a significant 25%.
- Magnificently deployed ServiceNow incident management, leading to an appreciable and swift 25% decrease in the time taken for incident resolution.

Tata Consultancy Services   June 2018 – September 2021
Data Engineer

- Engineered an end-to-end Power BI solution, leading to a significant 20% reduction in support ticket volumes.
- Collaborated widely across functions, meaningly elevating billing accuracy by 27% through comprehensive data analysis.
- Achieved an impressive 60% enhancement in Spark job execution efficiency by refining code and optimizing job flow.
- Expertly executed intricate ETL operations on customer data using SQL, Python, and AWS, driving a notable 10% increase in customer engagement.
- Demonstrated expertise in crafting streamlined data workflows using Airflow, really cutting implementation time in half.
- Pioneered the conception and design of impactful Tableau dashboards, leading to substantial time savings of 20% in data analysis efforts.

Education

- Master of Science in Data Science   August 2021 – December 2022
  University of New Haven, West Haven, CT
- Bachelor of Technology   June 2015 – April 2019
  VRSEC, Vijayawada, India