MANOJ KUMAR P

DATA ENGINEER

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Summary

Enthusiastic Data Professional with nearly 3 years of experience excelling in crafting SQL queries, developing ETL pipelines, and conducting detailed data analysis using visual representations. Proven success in delivering tasks efficiently and collaborating effectively within lean teams. Committed to staying current with emerging technologies for providing sustainable solutions. Passionate about contributing to the growth of data science and driving insightful solutions for success. Proficient in handling time effectively and taking charge of leadership responsibilities, I excel in organizing tasks efficiently and guiding teams towards successful outcomes.

Technical Proficiency / Skills

ETL	Informatica · SAP-Data Service · AWS-Glue · Stream/Batch Processing Jobs · MSBI-Suite
Programming/Scripting	SQL · Java (Basic,OOPS) · PySpark · Unix(Basic)
Visualization Tools	PowerBi · Python
Cloud Applications	Snowflake · DataBricks · Amazon RedShift · AWS S3 · Athena · GitHub
Area of Expertise	Business Intelligence· Data warehousing. Data Modeling · Big Data · Data Integration · Data Analysis

Experience

Infosys
Chennai

Senior System Engineer (Data and Analytics unit)
05/2021-Present

- ETL Development and Automation:
  - Successfully completed over three projects as an ETL Developer, demonstrating expertise in developing and optimizing ETL processes.
  - Developed an ETL job using SQL and SAP Data Services integrated with Oracle DB, automating customer account relations, and reducing subscription and maintenance costs.
  - Engineered robust ETL jobs adhering to ACID principles, ensuring seamless data accessibility across all systems.

- Data Processing and Integration:
  - Experienced in the development of Spark Streaming and Batch Processing applications, enhancing data processing capabilities.
  - Created SQL functions and algorithms for fuzzy matching customer demographics, facilitating quicker data linking and reducing manual effort.
  - Developed an AWS Glue job for fetching and transforming AQI data, enabling quick report generation.
  - Performed analysis using AWS Athena and Interactive SQL Query Editor in Redshift.

- Automation and Tool Development:
  - Developed a Python tool to automate the analysis of daily data issues from vendors, speeding up the analysis process and providing quick reports.
  - Automated account setup processes in Snowflake using Python scripts, reducing manual workload by 50% and enhancing operational efficiency.

- Professional Learning:
  - Actively participated in GenAI training, gaining proficiency in AI tools and concepts such as LLP, NLP, and Prompt-Engineering.
  - Continuously progressing to gain new skills and technology to provide best solutions to customers.

- Leadership and Communication:
  - Took on senior-level responsibilities, ensuring streamlined operations and continuity, and received commendations from clients and managers for exceptional performance.
  - Crafted comprehensive test cases to ensure code stability, accuracy, and performance.
  - Delivered knowledge transfer sessions to stakeholders and colleagues, facilitating seamless project collaboration.
  - Demonstrated excellent communication skills across all levels of the organization.

Education

KCG College Of Technology	Chennai
Bachelors in Electronics and Communication Engineering	06/2016 - 05/2020

Certification/Courses

Google Advanced Data Analytics	Coursera offered by Google Career Certificates [Cert ID : ECTCKHKGZL6J]
Infosys certified Professional - Generative AI for All	Infosys Learning Platform (Lex)
Infosys Certified Database and SQL Professional	Infosys Learning Platform (Lex)

Passion/Interest

♥ Successful Data professional.
Develop & provide sustainable and reliable solution which helps to make present and future better.

♦ Acquire Knowledge
Learning new things in tech and other domains. Love sharing the knowledge with others too!

♠ Professional Hobbies
Hacker Rank - SQL ♦♦♦♦♦
Leet Code - Daily Challenge.