

JUNIOR DATA ENGINEER

Data & Analytics Engineer | SQL, Java, Python

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Houston

SUMMARY

Passionate Data & Analytics Engineer with over 3 years of hands-on experience. Spearheaded the development of a robust data quality assurance policy, resulting in an impressive 20% reduction in data errors. Proficient in overseeing large-scale data platforms, leveraging a versatile skill set encompassing SQL, Java, and Python. Fueled by the pursuit of designing impactful systems and elevating user experiences, I am eager to bring my expertise and contribute substantial value in a dynamic, cutting-edge technology environment.

EXPERIENCE

Junior Data Engineer

Google

2022 - Present California

Company Description

- ETL Process Enhancement:** Successfully revamped ETL processes, resulting in a 25% reduction in data processing time. Introduced parallel processing techniques, significantly improving the efficiency of data workflows.
- Data Quality Management:** Implemented robust data quality checks, leading to a 12% increase in data accuracy. Identified and rectified inconsistencies, ensuring a higher standard of data integrity across multiple datasets.
- Scalability and Performance Improvement:** Contributed to the scaling of database infrastructure, accommodating a 30% increase in data volume. Implemented indexing strategies that enhanced query performance by 20%, improving overall system responsiveness.
- Issue Resolution and Downtime Reduction:** Proactively addressed data pipeline issues, reducing system downtime by 15%. Implemented automated alerting systems, ensuring timely identification and resolution of potential data processing bottlenecks.
- Documentation and Knowledge Sharing:** Developed comprehensive documentation for data processes and system architecture, aiding in knowledge transfer. Conducted training sessions for team members, resulting in a 25% reduction in resolution time for common issues.

Data Analyst

Apple

2020 - 2022 San Francisco

- Analyzed customer data to identify trends and patterns. The analysis led to a 10% increase in customer satisfaction.
- Developed machine learning models to predict product demand. The models improved the accuracy of demand forecasting by 5%, resulting in a \$1 million increase in revenue.
- Created data visualizations to communicate findings to stakeholders. The visualizations were clear and concise, and they helped stakeholders to make informed decisions.
- Collaborated with a team of data analysts to complete projects. The team worked effectively together to deliver high-quality results on time and within budget.

STRENGTHS



Problem Solving

Demonstrated strong analytical skills in resolving complex data problems, ultimately improving system efficiency by 30%.



Teamwork

Worked in cross-functional teams, effectively collaborating with diverse individuals to create high-quality software applications.

SKILLS

SQL

Java

JavaScript

Python

C#

Ruby

PHP

React

Vue

Angular

jQuery

Hadoop

Kafka Streaming

Spark

Hana

CERTIFICATION

Certified Data Science Using Python

Certified course provided by IBM in 2019 focusing on Python for data science.

Java and Software Development Certification

Oracle Certified Associate, Java SE 8 Programmer achieved in 2020.

EDUCATION

Bachelor's in Computer Science

University of Southern California

2014 - 2018 California