JUNIOR DATA ENGINEER

Data & Analytics Engineer | SQL, Java, Python

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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

Google
Junior Data Engineer

California
2022 - Present

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.

Apple
Data Analyst

San Francisco
2020 - 2022

- 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.

Education

University of Southern California
Bachelor's in Computer Science

California
2014 - 2018