

# 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

### 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