

Isabella Lee

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Summary

Data Engineer with a strong background in Python, SQL, and building data pipelines. Experienced in managing and optimizing large PostgreSQL databases in an AWS cloud environment. Familiar with containerization using Docker. Seeking to leverage my data-centric backend skills in a software engineering role.

Experience

Junior Data Engineer | Quantum Data | June 2024 - Present

- Build and maintain ETL pipelines using Python and Apache Airflow.
- Write highly optimized SQL queries and scripts for data extraction and manipulation in PostgreSQL.
- Manage data warehouses on AWS Redshift and databases on AWS RDS.
- Use Docker to containerize data processing applications.
- Collaborate with data scientists to provide them with clean, reliable data.

Education

Master of Science in Data Science | University of Analytics | 2024 **Bachelor of Science in Statistics** | State College | 2022

Skills

- **Languages:** Python (Pandas, NumPy), SQL
- **Databases:** PostgreSQL (Expert), Redshift, MySQL
- **Cloud:** AWS (RDS, S3, Redshift, EC2)
- **Tools:** Docker, Airflow, Git