

PROFESSIONAL SUMMARY

A highly skilled and results-oriented Data Engineer with 5+ years of experience specializing in building, optimizing, and maintaining robust ETL/ELT pipelines. Proven expertise in big data technologies, cloud infrastructure (AWS), and database management. Seeking to leverage technical skills to drive data-driven decision-making and improve data quality.

PROFESSIONAL EXPERIENCE

Senior Data Engineer

2020 – Present

Tech Innovations Inc.

San Francisco, CA

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- Designed and implemented scalable data pipelines using Python, Spark, and AWS services (S3, EMR, Redshift), processing over 10TB of data daily.
- Optimized existing ETL jobs, reducing processing time by 40% and lowering cloud computing costs by 25%.
- Developed real-time data ingestion pipelines using Kafka for high-throughput streaming analytics.
- Managed and maintained a data warehouse (Redshift), ensuring data integrity, security, and accessibility for BI teams.

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Data Analyst / Junior Engineer

2018 – 2020

Data Solutions Co.

Seattle, WA

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- Built automated reports and dashboards using SQL and Tableau, providing key business insights to the marketing team.
- Developed and maintained stored procedures and views in PostgreSQL for operational reporting.
- Collaborated with software developers to integrate new data sources into the existing data infrastructure.

TECHNICAL SKILLS

Programming:	Python, SQL, Scala, Bash
Big Data/ETL:	Apache Spark, Kafka, Airflow, Hadoop, Flink
Cloud Platforms:	AWS (S3, Redshift, EMR, Lambda), Docker, Kubernetes
Databases:	PostgreSQL, MySQL, Snowflake, MongoDB
Tools:	Git, Jenkins, Terraform, Jupyter

EDUCATION

M.S. in Data Science

2016 – 2018

University of Washington

Seattle, WA

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B.S. in Computer Engineering

2012 – 2016

Massachusetts Institute of Technology (MIT)

Cambridge, MA