

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 v(0.3em)

- 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.

v(0.5em)

Data Analyst / Junior Engineer

2018 – 2020 *Data Solutions Co.*

Seattle, WA v(0.3em)

- 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.
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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* v(0.3em) **B.S. in Computer Engineering** 2012 – 2016 *Massachusetts Institute of Technology (MIT) Cambridge, MA*