Jordan Patel

Senior Data Engineer

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SUMMARY

Experienced Senior Data Engineer with 6+ years of expertise in designing and implementing scalable data architectures, ETL pipelines, and big data solutions. Skilled in optimizing data workflows and building robust data platforms.

SKILLS

Python, Scala, SQL | Apache Spark, Kafka, Airflow | AWS (Redshift, EMR, Glue, S3) | Snowflake, BigQuery | Data Modeling | Kubernetes | Terraform | CI/CD for Data Pipelines | Data Governance | Performance Optimization

PROFESSIONAL EXPERIENCE

Senior Data Engineer - Data Innovations Inc.

Jun 2020 - Present
- Architected and implemented data lake solution processing 5TB+ daily
- Designed real-time data processing system using Kafka and Spark Streaming
- Led migration from on-premises data warehouse to Snowflake, reducing costs by 40%
- Implemented data governance framework ensuring GDPR compliance
- Mentored junior engineers and established data engineering best practices

Data Engineer - Tech Solutions LLC

Mar 2017 - May 2020
- Developed and maintained ETL pipelines using Airflow and Spark
- Built data models for analytical and reporting purposes
- Optimized data processing workflows, improving performance by 60%
- Collaborated with data scientists to implement ML pipelines

Database Developer - Global Systems Corp

Jan 2015 - Feb 2017
- Designed and implemented database schemas and stored procedures
- Created ETL processes for data integration
- Optimized SQL queries and database performance
- Developed data migration strategies

EDUCATION

Master of Science in Data Science

Technical University, 2013 - 2015

Bachelor of Science in Computer Science

State University, 2009 - 2013

CERTIFICATIONS

- AWS Certified Data Analytics - Specialty
- Google Cloud Professional Data Engineer
- Databricks Certified Developer for Apache Spark
- Snowflake SnowPro Core Certification

PROJECTS

Enterprise Data Lake

Designed and implemented cloud-based data lake architecture processing petabytes of data

Real-time Analytics Platform

Built streaming analytics platform using Kafka, Spark, and Elasticsearch

Data Quality Framework

Developed comprehensive data quality framework with automated monitoring and alerting