

MICHAEL KIM

Senior Data Engineer

(555) 456-7890

michael.kim@email.com

San Francisco, CA



PROFESSIONAL SUMMARY

Experienced Senior Data Engineer with 9+ years in designing scalable ETL pipelines and cloud-based data systems. Adept at transforming complex datasets into actionable insights and collaborating with cross-functional teams to drive data solutions. Proven expertise in AWS, Spark, and Python.

LinkedIn: /in/michaelkim

EDUCATION

2014 - 2016

Master of Science in Data Science

Stanford University

2010 - 2014

Bachelor of Science in Computer Engineering

University of California, Berkeley

Certifications

- AWS Certified Big Data Specialty | Issued: May 2022
- Databricks Certified Data Engineer Professional | Issued: November 2023

SKILLS

- Languages: Python, SQL, Scala Expert
- Tools: Apache Spark, Airflow, Kafka Expert
- Databases: AWS Redshift, Snowflake, PostgreSQL Expert
- Cloud Platforms: AWS (S3, Glue, Redshift, EMR), GCP Expert
- Others: Docker, Kubernetes, Git Expert

EXPERIENCE

2020 - Now

Senior Data Engineer Meta / Menlo Park, CA

- Build and deploy ETL pipelines using Apache Spark and AWS Glue, reducing data processing times by 40%.
- Develop real-time data ingestion systems handling 10TB+ of data daily across global markets.
- Migrate legacy systems to AWS Redshift, improving performance by 50%.
- Partner with data science teams to clean and prepare datasets, boosting model accuracy by 15%.

2016 - 2020

Data Engineer Uber / San Francisco, CA

- Developed automated data pipelines using Airflow and Python, improving workflow efficiency.
- Optimized database queries and indexing, reducing SQL query runtimes.
- Built monitoring systems for ETL jobs, decreasing pipeline failures by 25%.
- Collaborated with business teams to deliver clean, actionable datasets for analytics and reporting.

PUBLICATIONS

Optimizing Real-Time Data Pipelines for Scalability

Published in Data Engineering Journal, May 2023

Data Infrastructure Migration Strategies in Cloud Environments

Presented at Big Data Summit San Francisco, September 2022

