Curriculum Vitae – Data Engineer

Name

Liam Schneider

Profile

Highly skilled Data Engineer with 6+ years of experience designing cloud■native data architectures, building scalable batch and streaming pipelines, and implementing enterprise■grade data quality frameworks. Strong background in distributed systems, data modelling, metadata management, performance tuning, and CI/CD automation for data workflows.

Skills

Python, SQL, Scala, Spark, Kafka, Airflow, dbt, AWS (S3, Glue, Redshift), GCP (BigQuery, Dataflow), Docker, Kubernetes, Terraform, CI/CD, Data Warehousing, Data Governance, Dimensional Modeling.

Experience

Senior Data Engineer – NovaTech Analytics (2022–Present) • Designed scalable ingestion pipelines processing 2B+ monthly events using Spark + Kafka • Built automated data quality validation framework reducing downstream failures by 35% • Implemented CI/CD for data pipelines using GitHub Actions and Terraform • Migrated legacy ETL jobs from on■prem to GCP Dataflow, improving costs by 28% Data Engineer – BlueRiver AG (2019–2022) • Created a centralized data warehouse using BigQuery + dbt • Developed transformation pipelines supporting company■wide BI dashboards • Improved query performance through partitioning, clustering, and caching strategies

Education

M.Sc. Computer Science – Technical University of Munich B.Sc. Information Systems – University of Augsburg