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Experience

Slalom Build

Sr. Solution Architect

Jan. 2023-Present

- Lead 10-person engineering team across 131-person federal program, improving production code efficiency by 85%
- Generated \$1M+ in revenue through successful sales team participation
- Reduced cloud spending by hundreds of thousands through architectural optimization
- Developed first-to-market Gen-AI PoC using Snowflake Container Services preview release
- Created Databricks Mosaic Gen AI accelerator for standardized LLM production patterns
- Led 12-person ML web app tech challenge team for federal contract recompile

Solution Architect

Jan. 2022-2023

- Led 6-person team as Data Engineering Program Lead for 50+ engineer federal program
- Successfully migrated data warehouse compute to EKS and implemented trunk-based development
- Presented at dbt Coalesce 2022: "Seeing is Believing: Data Observability with dbt Labs"
- Orchestrated cross-team collaboration across six service teams for shared deliverables
- Spearheaded internal DE "System of the Craft" accelerator initiatives

Sr. Data Engineer

June 2021-Jan. 2022

- Led development pod supporting federal microservice data warehouse
- Implemented real-time clickstream data infrastructure using Terraform
- Migrated legacy Oracle pipelines to dbt with enhanced quality checks
- Developed MLOps accelerator implementing DevOps best practices for ML initiatives

Data Engineer

Oct. 2020-June 2021

- Led standardization of development patterns for 50+ engineers
- Modernized legacy SAP systems using pySpark and Informatica pipelines
- Created Teradata to Snowflake migration accelerator
- Developed config-based automation for Informatica Cloud API pipelines

Alaska Airlines

Data Architect

June 2017-March 2020

- Architected data science solutions for Maintenance & Engineering, managing \$50M annual budget
- Developed aircraft maintenance optimization APIs using linear programming
- Automated processes resulting in significant headcount optimization
- Led Agile implementation across department

Education

University of Washington, 2013-2017

Bachelor of Arts in Political Science

Foster's Professional Sales Program

Certifications

- Google Cloud Professional Data Engineer
- Generative AI Engineering with Databricks
- SnowPro Core & SnowConvert Developer

Technical Expertise

- **Core Technologies:** Python, SQL, dbt, Terraform, Snowflake, Databricks
- **Cloud & Infrastructure:** AWS (EKS, Lambda, SageMaker), GCP (Dataflow, Pub/Sub), Kubernetes, Docker
- **Data Engineering:** Kafka, Spark, DuckDB, Redshift, Data Modeling, ETL/ELT