

Landen Bailey

bailey.landeng@gmail.com • (208) 716-8181 • [linkedin.com/in/landengbailey](https://www.linkedin.com/in/landengbailey) • github.com/landiinii

PROFESSIONAL EXPERIENCE

Redo Tech

Draper, UT

Principal Data Engineer

August 2024 – Present

- Built the data platform from 0→1 as the first data hire, establishing trusted revenue and operational reporting.
- Developed reusable platform components and developer tooling that enable engineers and AI agents to independently build data products without needing to manage underlying infrastructure.
- Established the machine learning platform, including infrastructure for training, deployment, CI/CD, experiment tracking, model management, and developer workflows.
- Lead the technical direction across data engineering, MLOps, data science, and analytics in both internal operations and the product, while owning platform security, access controls, PII handling, and compliance.

Pattern

Lehi, UT / Pune, India

Senior Data Engineer

January 2022 – August 2024

- Led Data Acquisition teams in the US, India, and Serbia (20+ engineers) to design, develop, and maintain highly available data collection pipelines (>99% uptime).
- Developed high-scale data ingestion pipelines sourcing from API requests and web scraping to efficiently process and store terabytes of business critical data each day.
- Managed and optimized AWS cloud infrastructure and a Snowflake data warehouse for cost, efficiency, and security.

BYU Broadcasting

Provo, UT

Data Engineer

April 2020 – December 2021

- Hired, trained, and led a team of 6 engineers to develop ETL pipelines and produce data access systems.
- Implemented dimensional modeling to design and maintain business-facing data marts.
- Created visualizations of statistical analyses in Domo and Excel to present to nontechnical company executives.

EDUCATION

Western Governors University (SLC, UT)

Master of Science: Data Analytics and Engineering

Brigham Young University (Provo, UT)

Bachelor of Science: Computer Science

TECHNICAL SKILLS

Programming: Python, SQL, Golang, TypeScript

Data Platforms: Snowflake, ClickHouse, AWS Glue, Apache Spark, DBT, DLT, Dagster, DuckDB

ML & AI Platforms: Metaflow, MLflow, Mastra, OpenAI SDK

Infrastructure: AWS, Terraform, Docker, GitHub Actions

Visualization & BI: Streamlit, Domo, Looker, Tableau

Certifications: AWS Solutions Architect Associate

Languages: Professional working proficiency in Spanish