

Sam Prohaska

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Work Experience

Lead Software Engineer, Data Infrastructure Apr 2023 — Sep 2024
Vouch Insurance *Denver, CO*

- Built out GenAI SDK and related infrastructure, taking it from concept to user-facing feature deployment in two months.
- Owned all data and AI infrastructure, primarily Airflow, Snowflake, dbt, and Metaflow.
- Scoped, designed, and built streaming data processing platform, using Spark, ksqldb, and Dagster.
- Managed and mentored a distributed team of software, ML, data, and analytics engineers.

Senior Analytics Engineer Feb 2022 — Dec 2022
Anvyl *Denver, CO*

- Owned BigQuery data warehouse; built and managed end-to-end data pipelines and event models for all internal data needs.
- Managed team goal setting, headcount planning, career development, and cross-functional communication.
- Negotiated technical vendor contracts; kept spend flat YoY despite parabolic increase in data volume.
- Drove improvements in data governance; migrated GCP database permissions to Terraform, implemented principle of least access.

Senior Data Science Lead Jan 2020 — Jan 2022
Sling TV *Denver, CO*

- Developed a content curation/recommendation system from scratch, automating a manual process across 22 languages, using Python, AWS (Redshift + EC2), and SQL.
- Managed and mentored team, ran a weekly technical skill development session, and drove completion of deliverables on time and in scope.
- Refined terabyte scale data lake using SQL, Python, R, and Tableau.
- Presented data-driven stories and strategic advisory to senior management on a >weekly basis, led a weekly all-team data review.
- Promoted from Data Analyst Lead in October '21

Skills

Programming Languages	Python, SQL, bash/zsh, R
Technologies	Docker, Terraform, Metaflow, Airflow, Nomad, K8s, Grafana, Ceph
Databases	Snowflake, BigQuery, PostgreSQL, Redshift, Athena, DuckDB

Education

Bachelor of Arts, Economics & Philosophy, University of Minnesota
French minor, Exchange Student at Université de Montréal.