

# Bethany Yollin

## Senior Data Engineer

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## Profile

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Engineer with experience building scalable, foundational data platforms and self-service products in fast-paced, startup environments

## Experience

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### Highspot / Data Engineer — Seattle, WA ..... SEPTEMBER 2022 - MARCH 2024

Skills: Python · SQL · dbt · Snowflake · Dagster · Terraform · Bash · Docker · AWS · Github Actions

- Evaluated, piloted and established an orchestration platform (Dagster) to mature Highspot's data pipelining capabilities. Used Terraform to manage orchestration infrastructure in AWS and introduced the use of Github Actions to stand up robust CI/CD pipelines to manage deployments.
- Spearheaded several cost-saving initiatives including a service to automatically update materialization strategy based on usage, saving over 100K USD per year
- Created a data quality and pipeline health testing framework to surface actionable error messages in a logging and monitoring platform (Rollbar)
- Developed an extensible Python-based database client, standardizing how engineers, scientists and analysts programmatically interact with Snowflake
- Introduced and evangelized the adoption of dbt to simplify database migrations and transformations, paving the way for more self-service data modeling and increasing team velocity
- Designed and managed a data engineering Jira service desk to more effectively action support requests

### Convoy / Data Engineer — Seattle, WA ..... AUGUST 2019 - JUNE 2022

Skills: Python · R · SQL · dbt · Snowflake · Airflow · Bash · Docker · AWS · Terraform · CircleCI

- Developed a realtime reporting dashboard with dozens of business monitoring metrics enabling operations and senior staff to make quick, data-informed decisions
- Designed and implemented a fully automated pipeline to generate and email key insights to hundreds of external partners
- Deployed containerized applications on AWS ECS/EKS and leveraged CircleCI for CI/CD thus providing seamless updates and fixes to support hundreds of internal users
- Created ELT pipelines via Airflow and dbt to distill millions of records into an ingestible format consumed by web applications and reporting software

### WSP / Data Scientist — Seattle, WA ..... MAY 2017 - AUGUST 2019

Skills: Python · R · SQL · Bash · Docker · Linux

- Developed operations dashboards leading to same day resolution of critical equipment and data processing issues for the state DOT toll division
- Created several web applications providing intuitive front-ends to RESTful APIs, ultimately enabling non-technical users to harness the power of programmatic application interfaces

## Languages & Technologies

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**Highly Experienced** Python · SQL · dbt · Snowflake · Git · R · Bash · Docker · AWS (EC2/ECS, ECR, S3, RDS, IAM, EKS) · ETL/ELT · Data warehousing · Data pipelining · Data visualization

**Experienced** Dagster · Airflow · Terraform · CircleCI · Github Actions · CI/CD · Linux · Elasticsearch/Kibana · Orchestration

**Working Knowledge** Kubernetes · Javascript (Node.js/React) · Tableau · GCP · Azure · Streaming data · Kafka

## Education

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University of Washington / B.A., Geography ..... 2014 - 2017