Hannah Weiss

Senior Database Engineer San Francisco, CA • (415) 555-0188 • hannah.weiss@email.com • linkedin.com/in/hannahweiss

SKILLS

PostgreSQL MySQL AWS RDS Terraform Python Go Query Optimization Redshift Snowflake Java

EDUCATION

Bachelor of Science

05/2018

University of California, Berkeley

Berkeley, CA

Electrical Engineering and Computer Sciences

SUMMARY

Senior database engineer with 8 years of experience building and scaling PostgreSQL and MySQL on AWS for payments, marketplace and insurance companies. Writes Terraform for RDS and Aurora, builds Go and Python tooling for migrations and failover and leads query optimization for systems processing $4B in payments a year. Also supports the Redshift and Snowflake analytics stack.

EXPERIENCE

Senior Database Engineer 06/2023 - Present

Golden Gate Payments San Francisco, CA

Payments platform processing $4B a year for 50,000 small businesses.

- Own **60** PostgreSQL and MySQL clusters on AWS RDS and Aurora, provisioned and changed only through Terraform.
- Build a Go service for zero-downtime schema migrations, used by 12 product teams for 400 changes in 2025.
- Lead query optimization reviews with service owners that cut p99 payment write latency from 250 ms to 60 ms.
- Design sharding for the ledger database with the payments team, raising write capacity 4x ahead of the holiday peak.

Database Engineer 04/2020 - 05/2023

Bayview Rentals Marketplace Oakland, CA

Online rental marketplace with 3 million users.

- Ran PostgreSQL and MySQL on AWS RDS for listings and bookings data totaling 12 TB across 20 clusters.
- Wrote Python tools that automated monthly failover drills and backup restores across all 20 clusters.
- Built Redshift and Snowflake pipelines with the data team, moving reporting load off production databases.
- Normalized the booking schema and added partitioning, cutting storage by 35% and nightly vacuum time by half.

Database Developer 06/2018 - 03/2020

Sutter Street Insurance Services Sacramento, CA

Commercial insurance broker with 40,000 policies.

- Wrote T-SQL and PL/SQL for policy and claims systems on Microsoft SQL Server and Oracle.
- Tuned 50 slow stored procedures with the application team, cutting nightly batch time by 40%.
- Created Java batch jobs that export 1 million policy records a week to 6 carrier partners.