

Jameson Zimmerman

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SUMMARY

Staff level platform and database engineer with 11 years building production infrastructure, cloud platforms, and reliable data services. Deep **PostgreSQL** and **MySQL** experience covers replication, high availability, backup and recovery, disaster recovery, migrations, capacity planning, and **distributed databases** across regions. Hands on software development in **Go** and **server side Linux** supports production tooling, automated guardrails, infrastructure workflows, and **self service database platforms**. Guided architecture and reliability initiatives across multiple engineering teams using **AWS**, **Google Cloud**, **Terraform**, and **Kubernetes**. Created governed operating practices, recovery paths, design documentation, and observability that reduce operational risk while preserving delivery speed. Brings practical judgment to data residency, sovereignty, latency, security, performance, maintainability, and incident prevention, with a collaborative approach that helps engineering partners make sound platform decisions.

EXPERIENCE

Staff Database Platform Engineer

July 2023 - Present

Cinder Peak Software

Seattle, WA

Own multi region PostgreSQL and MySQL platform services across AWS and Google Cloud. Lead architecture reviews, production implementation, incident response, mentoring, and operating standards while guiding platform engineers and partner teams toward reliable, secure, maintainable database operations.

- Directed multi region PostgreSQL and MySQL services with **Go**, **Terraform**, and **Kubernetes**, improving production reliability.
- Created recovery paths and validation criteria for **replication**, backups, migrations, and **disaster recovery** operations.
- Established governance controls and **automated guardrails** that improved security, **maintainability**, and operational readiness across platforms.
- Led **architecture reviews** with platform engineering, SRE, product engineering, and **customer facing engineering** partners.
- Mentored platform engineers through implementation, testing, incident response, documentation, and continuous improvement initiatives.
- Balanced latency, sovereignty, data residency, security, performance, and maintainability across regional database decisions.

Senior Platform Engineer, Databases

March 2020 - June 2023

Harborline Cloud Labs

Austin, TX

Led database reliability and lifecycle automation for production services using PostgreSQL, MySQL, Go, Linux, Terraform, and monitoring. Guided migrations, recovery design, incident retrospectives, and operational improvements while remaining hands on with **platform engineering** and delivery.

- Automated PostgreSQL and **MySQL** lifecycle workflows with **Go** and **Terraform**, improving consistency across production environments.
- Implemented point in time recovery and backup validation, giving teams clearer recovery confidence during operational reviews.
- Guided database **migrations** through documented plans, testing criteria, rollback paths, and stakeholder approvals.
- Diagnosed reliability issues across Linux services, restoring **availability** and preventing repeat incidents through targeted controls.
- Led incident retrospectives that converted operational findings into practical platform improvements and developer guidance.
- Partnered with engineers on **capacity planning**, monitoring, architecture reviews, and production readiness decisions.

Platform Engineer

June 2017 - February 2020

Blue Mesa Digital

Phoenix, AZ

Supported cloud **database operations** for multi tenant applications, combining PostgreSQL, MySQL, Linux, Go, replication monitoring, and migration runbooks. Expanded ownership of production reliability through operational controls, testing, incident response, and cross functional delivery decisions.

- Monitored **PostgreSQL** and **MySQL replication** for multi tenant services, identifying risks before production impact occurred.
- Built migration runbooks with validation steps and recovery paths, giving delivery teams safer release procedures.
- Improved cloud database controls through Linux checks, **Go** utilities, and documented operational standards.
- Investigated **production database** issues with structured testing, restoring service and reducing recurrence through corrective actions.
- Coordinated reliability decisions with engineering stakeholders, translating technical constraints into practical delivery plans.
- Supported **capacity planning** and recovery exercises that strengthened operational readiness for growing application workloads.

Software Infrastructure Engineer

June 2015 - May 2017

Granite River Systems

Portland, OR

Built server side infrastructure for database backed services using Linux, Go, PostgreSQL, health checks, configuration validation, and recovery procedures. Developed independent operational ownership while supporting senior engineers with implementation, reviews, testing, incident response, and continuous improvement.

- Created Linux health checks for **PostgreSQL** backed services, improving visibility into production service conditions.
- Developed Go utilities for configuration validation, reducing deployment errors across database connected infrastructure.
- Documented recovery procedures that helped engineers respond consistently during service interruptions and maintenance events.
- Supported testing and incident analysis for server side infrastructure, turning findings into practical corrective actions.
- Reviewed operational changes with senior engineers, strengthening implementation quality and production readiness.
- Maintained database backed services through monitoring, validation, recovery drills, and clear technical documentation.

PROJECTS

Global Database Resilience Program 📅 2025

Created a multi region operating model for PostgreSQL and MySQL services. Defined recovery objectives, backup validation, replication checks, capacity reviews, and architecture documentation for safer global operations.

Self Service Database Platform 📅 2023

Built governed platform workflows with Go, Terraform, Kubernetes, and cloud services. Automated provisioning controls, policy checks, documentation, and developer enablement for consistent database delivery.

Cross Cloud Recovery Modernization 📅 2021

Improved recovery planning across AWS and Google Cloud through tested procedures, migration paths, monitoring, and operational reviews that gave engineering teams clearer production readiness.

LEADERSHIP & AWARDS

- Recognized as a trusted Staff level advisor for database architecture and reliability decisions across engineering teams.
- Earned AWS Certified Solutions Architect Professional certification in 2025 through sustained cloud architecture practice.
- Received peer recognition for mentoring platform engineers and converting incident findings into lasting operating improvements.

EDUCATION

Bachelor's Degree in Computer Science

2015

Oregon State University GPA: 3.5

Corvallis, OR

***Coursework:** Database systems, operating systems, distributed systems, software engineering*

CERTIFICATIONS

- AWS Certified Solutions Architect Professional 📅 2025
- Google Cloud Professional Cloud Database Engineer 📅 2024

TECHNICAL SKILLS

- **Database Systems:** PostgreSQL, MySQL, database internals
- **Database Reliability:** Replication, high availability, backup and recovery
- **Cloud Platforms:** AWS, Google Cloud, multi region architecture
- **Infrastructure Code:** Terraform, Go, infrastructure automation
- **Container Platforms:** Kubernetes, stateful workloads, container operations
- **Operating Systems:** Linux, server side Linux, health checks
- **Recovery Engineering:** Disaster recovery, point in time recovery, recovery testing
- **Migration Engineering:** Database migrations, rollback planning, migration runbooks
- **Governance Controls:** Database governance, policy enforcement, automated guardrails
- **Operations Tooling:** Self service platforms, monitoring, production tooling
- **Architecture Practices:** Technical design documents, architecture reviews, capacity planning
- **Data Management:** Data residency, data sovereignty, distributed databases

SKILLS

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|--------------|----------------|-----------------------|-------------------------|
| • PostgreSQL | • AWS | • Replication | • Migrations |
| • MySQL | • Google Cloud | • High availability | • Capacity planning |
| • Go | • Terraform | • Backup and recovery | • Distributed databases |
| • Linux | • Kubernetes | • Disaster recovery | |

PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery, with interest in distributed systems and reliable software infrastructure.
- Participant, Cloud Native Computing Foundation community, following Kubernetes and platform engineering practices.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST