

# STEVEN GUBLER

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I'm a deep thinker, clear communicator, and considerate teammate. My holistic problem solving approach prioritizes addressing people's needs, practicality, and simplicity, in that order. I care deeply about the operational excellence of the systems I own and maintain, and I pursue high quality solutions to achieve that end. I'm committed to working on a team that cares about each other, collectively delivering for our stakeholders.

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## **Citrine Informatics, Inc.**

**2022-26**

### *Senior Site Reliability Engineer*

- Quickly became the primary maintainer on orphaned infrastructure codebases
- Saved \$1M/year by right-sizing and optimizing cloud deployments, corresponding to nearly 10% of net revenue
- Improved processes for provisioning new customers by stabilizing unreliable workflows and automating away many hours of toil
- Successfully coached an inexperienced team in productionizing a new service, delivering a long-awaited feature months ahead of schedule
- Wrote the company's observability framework and guided its implementation

## **Inside Real Estate**

**2020-22**

### *Site Reliability Engineer*

- Migrated worker deployments for ~15 job queues to autoscaling Kubernetes cluster
- Developed self-serve Kubernetes developer platform to enable engineers to own more of their services' lifecycles
- Upgraded numerous manually-provisioned systems to IaC with Terraform
- Lead the organization's migration to Datadog's observability platform

## **Sovrin Foundation**

**2018-20**

### *Associate DevOps Engineer*

- Maintained fleet of build servers for a complex cross-platform delivery pipeline
- Administered over many organizational resources, including AWS, Gitlab, and Jenkins
- Hosted and moderated a forum and chat server for an open source community

## **Brigham Young University**

**2017-18**

### *Quality Assurance Engineer*

- Thoroughly tested department websites, programmatically and manually
- Helped conduct job interviews and trained several new hires

## Skills

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- Problem solving
- Public speaking and presenting
- Teamwork and collaboration
- Mentoring
- Debugging and root-cause analysis
- Stewardship
- Community moderation
- Thorough research

## Domains of Expertise

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- Cloud architecture
- Infrastructure as Code
- Container orchestration
- Linux system administration
- Configuration management
- Observability best practices
- CI and CD pipelines
- Agile development
- Web technologies (HTTP, DNS, etc.)
- Cost management

## Previously Used Technologies

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I'm not reliant on the following to be productive, but I can be more immediately useful in these domains due to my experience.

### Languages

- Go
- Shell
- Python
- Jsonnet
- Javascript
- Java
- C
- Rust

### Databases

- PostgreSQL
- MongoDB
- SQLite
- Redis

### Orchestration

- Kubernetes
- AWS ECS

### AWS

- EC2
- EKS
- Lambda
- S3
- RDS
- VPC
- SQS
- IAM
- Secrets Manager
- AWS Organizations
- CloudTrail

### Infrastructure as Code

- Terraform
  - Atlantis
  - HCP
- AWS CloudFormation

### Observability

- Datadog
- Prometheus

### Config. Management

- SaltStack
- Packer

### CI Systems

- GitHub CI
- Jenkins
- Bitbucket Pipelines
- GitLab CI

### Misc. tooling

- Git
- Docker/Podman
- Kind
- JIRA
- Nebula