BARBARA SHAURETTE

barbara.shaurette@proton.me • 415-640-7538 • Pasadena, CA
GitHub: github.com/mechanicalgirl • LinkedIn: linkedin.com/in/barbarashaurette

SITE RELIABILITY ENGINEER

SRE with 5+ years of experience managing multi-cloud infrastructure at scale. Deep expertise in Kubernetes, Terraform, and infrastructure automation. Proven track record reducing operational overhead through custom tooling and strategic migrations.

PROFESSIONAL EXPERIENCE

Vox Media | Remote
Sr. Engineer II, Site Reliability | Apr 2021 - Jan 2026

Managed AWS and GCP infrastructure supporting high-traffic media properties. Led migrations, built automation tooling, and collaborated across engineering teams to deliver reliable, cost-effective infrastructure.

- Automated TLS certificate management for 2,000+ domains using custom Python/Let's Encrypt/Fastly integration
- Built GCP cost alerting system across 100+ projects with intelligent anomaly detection, reducing waste
- Led Flux-to-Helm migration for 15 production Kubernetes clusters, improving deployment velocity
- Automated Terraform imports of 100+ GCP projects, reducing import time from 7+ days to under 2 days
- Implemented drift detection workflows for multi-cloud Terraform infrastructure
- Coordinated database upgrades (MySQL, PostgreSQL, Aurora) using blue/green deployments for zero downtime
- On-call rotation maintaining 99.9%+ uptime for production services

Technologies: Terraform, Kubernetes (GKE/EKS), Helm, AWS, GCP, Fastly, Datadog, Python, GitHub Actions

Sr. Software Engineer, Data Infrastructure | Sep 2016 - Mar 2021
Built and maintained data ingestion pipelines, Airflow schedulers, ETL tools, and privacy automation. Managed GCP data stores and IAM across multiple projects. Coordinated with AWS, Google, and Apple engineers on large-scale data transfers.

Previous Experience | 1999 - 2016
Software Engineer roles at Cox Media Group (Python/Django CMS development), Live Nation/Signatures Network (high-traffic e-commerce, API development), and earlier full-stack web development positions. 20+ years of software engineering experience.

TECHNICAL SKILLS

Infrastructure: Terraform, Kubernetes, Helm, Docker, GitHub Actions
Cloud Platforms: AWS (EC2, RDS, VPC, EKS), GCP (GKE, BigQuery, Cloud Storage)
Monitoring/CDN: Datadog, Grafana, Fastly
Languages: Python, Bash
Databases: PostgreSQL, MySQL, BigQuery

COMMUNITY TEACHING & SPEAKING

Speaker at Fastly's Xcelerate LA in 2025 ("Open innovation: Building on a connected ecosystem" panel). Conference speaker at DjangoCon and PyCon (2013-2016) on topics including developer

burnout and Python education. Instructor for PyCon Young Coders tutorials (2013-2018) teaching Python to middle school students. Organizer and coach for DjangoGirls workshop.