

MATT SNODDERLY

Los Angeles, CA · msnodderly@gmail.com
snodderly.org/matt · linkedin.com/in/msnodderly

SUMMARY

- Infrastructure and DevOps engineer with a track record of building, automating, and running secure, resilient production systems, from Fortune 50 to founding engineer at a venture-backed startup.
- Specializes in AWS and Kubernetes platforms, infrastructure as code, GitOps CI/CD, and observability.
- Experience working closely with development teams through the full application development lifecycle, and maintaining, tuning, and troubleshooting high-volume web applications in cloud environments.

SKILLS

AWS · Azure · IBM Cloud · Kubernetes (EKS/AKS) · Linux · Bash · Terraform · Crossplane · Helm · Argo CD · GitHub Actions · Vault · Datadog · Prometheus · Grafana · CloudWatch

EXPERIENCE

Submittable

4/2024–present

Principal DevOps Engineer

- Lead the Infra/DevOps team for Submittable’s grants management platform. Own the infrastructure roadmap, drive cloud strategy, and manage a multi-million-dollar cloud and SaaS budget.
- Created and drove the strategy to unify the merged companies’ infrastructure after Submittable’s acquisition of WizeHive, building out a single management plane across clouds and products (AWS and Azure), with standardized CI/CD, observability, and infrastructure management.
- Led the team’s adoption of AI-assisted engineering. Rolled out tooling and wrote the team’s standards for AI contributions and review.

Almaden Genomics

8/2022–1/2024

DevOps Lead

- Responsible for all aspects of the development and operation of the Almaden Genomics cloud infrastructure, including building and developing the entire AWS and Kubernetes (EKS) infrastructure from the ground up, ensuring scalable, reliable, and secure operations.
- Planned and executed a migration from IBM Cloud and IBM Kubernetes Service (IKS) to AWS and EKS.
- Initiated and led the adoption of a CI/CD model for development, accelerating the software release cycle from bi-weekly to multiple deployments daily.

IBM

2011–2022

DevOps Lead, IBM Research—“Project G.nome”

5/2021–8/2022

- Played a key role in launching Project G.nome, an internal bioinformatics startup within IBM Research’s startup accelerator, leading to its successful spinoff as an independent company, Almaden Genomics.
- Reduced time to provision new customer instances from days to minutes (using Terraform to provision cloud resources and Helm to deploy to Kubernetes).

- Reduced time to deploy releases from hours to continuous delivery rollouts, driven by a GitOps-style promotion and approval workflow (using Tekton for CI/CD pipelines and triggers, and Helm for application deployments).

Sr. DevOps Engineer, IBM Sterling Supply Chain

7/2017–5/2021

- Led the effort to transform IBM's Business Transaction Intelligence (BTI) systems from manually deployed virtual servers to containerized workloads on Kubernetes. Automated deployments with Ansible and UrbanCode Deploy.
- Migrated "BTI 2.0" from Kubernetes on bare metal to IBM Cloud Kubernetes Service (IKS), and implemented continuous deployment with Helm and Spinnaker.
- Implemented and maintained Spinnaker for continuous delivery. Created multi-stage, templated Spinnaker pipelines integrating with GitHub Enterprise, Helm, and HashiCorp Vault to manage deployments across multiple staging and production environments.
- Supported and mentored engineering teams, enabling them to independently manage their own deployments and configurations.
- Acted as an incident lead, engaging multiple groups to resolve critical problems and following through with root cause analysis.

Systems Engineer, IBM Enterprise Marketing Management (EMM)

6/2011–7/2017

- As part of the Architecture and Engineering team, overhauled IBM EMM's legacy SaaS hosting: consolidated multiple environments into two geographically separate sites, built multi-site monitoring and alerting, and delivered a one-click VMware vCloud self-service portal for Dev/QA.

University of California, Los Angeles (UCLA)

2000–2011

Sr. Systems Administrator, UCLA Information Technology Services (ITS)

2003–2011

- Primary administrator for UCLA's single sign-on system (75,000+ active users, 400+ campus web applications) and BruinBuy, the campus e-procurement system processing 400,000+ orders annually.
- Automated Linux server provisioning and deployment with Puppet and Capistrano; took the lead technical role implementing the disaster recovery plan, including a warm recovery site at a remote data center.

EDUCATION

B.S., Computer Science. Wheaton College, Wheaton, IL. 1999.

CERTIFICATIONS

- Advanced GitOps with Argo CD (Akuity, 2024)
- Red Hat Certified Engineer (2010)