Richard Snider

richardnsnider@gmail.com | richardsnider.github.io

Experience

DevOps Engineer at Smule
April 2022 - present
- Major role in design and implementation of hybrid cloud architecture
- Guide use of Google Cloud Platform GKE clusters and Argo CD GitOps
- Establish multicloud capable IaC via Crossplane
- Operate chef and MAAS to manage ~2k on-premises CentOS servers
- Integrate system with Cloudflare, Fastly, Limelight, and Lumen CDN providers

Senior Site Reliability Engineer at Carnegie Learning
October 2021 - April 2022
- Designed AWS infrastructure with SQS, SNS, Lambda, S3, IAM, and Cloudfront resources
- Led development of Jenkins scripted pipelines utilizing ECS and Cloudformation
- Investigated production issues across many applications written in different languages

DevOps Engineer at SkySlope
Jul 2019 - October 2021
- Led infrastructure support and communication for a team of over 50 engineers
- Improved and maintained Kubernetes clusters and custom Helm charts
- Worked heavily with AWS S3, IAM, Route 53, RDS, KMS, EC2 ELB/ALB, and VPC Transit Gateway
- Guided CI/CD efforts by using Linux expertise to develop Codefresh pipelines
- Single-handedly migrated existing Terraform IaC to Terraform Cloud Enterprise for all business verticals
- Wrote Golang Docker apps and deployed them as production microservices
- Gained experience working with Kops, Cilium CNI, Wireguard, Linkerd service mesh, Gloo Edge, Prometheus, Grafana, Okta SAML, and MongoDB Atlas

Software Engineer at SkySlope
Apr 2018 - Jul 2019
- Role with a scrum team focused on integrations and ETL initiatives
- Used Node.js, Typescript React, MySQL, and Elastic Search (ELK)

Software Engineer at Top of Mind Networks
Sep 2015 - Dec 2017
- Created a Twilio/Sendgrid deployment engine and other API features

Associate Software Engineer at DealerSocket
Feb 2015 - Aug 2015
- Full stack position in an agile team environment

Education

MS Engineering Science, BS Electrical Engineering
University of the Pacific, Stockton CA