

# Richard Snider

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## Experience

### DevOps Engineer at Smule

April 2022 - present

- Key contributor to hybrid cloud strategy and implementation, with focus on BCDR
- Establish Terraform/Crossplane IaC for GCP resources (GKE, GCS, Cloud SQL, IAM)
- Manage self-hosted Gitlab and GKE Vitess cluster
- Migrated RKE2 hosted Vault to GKE using Consul snapshots
- Administer on-premises Linux CentOS servers with Ansible
- Work with Okta, Cloudflare, Fastly, and Kafka

### 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

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## Education

### MS Engineering Science, BS Electrical Engineering

University of the Pacific, Stockton CA