



# Christopher Mosetick

Platform Engineer

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Spoken Languages, English

## EXPERIENCE

### DevSecOps - Software Supply Chain Engineer

Exodus Movement Inc ↗

06/2022 - Present

- Research and implement minimalist, secure, audited, build process for production software cryptocurrency wallet products that will be delivered to end users across the world on multiple platforms
- Collaborate with in-house Security Consultants, and 3rd Party Security Consultants as required
- Review prior audit documentation to help formulate strategies and remediate any manual build process shortcomings.
- Evaluate areas where docker containers can bring a strategic advantage to build automation process without compromising supply chain integrity
- Begin prototype of Secure Enclave (Intel SGX) build process as needed for future implementation

### DevOps Architect

Arcteryx Equipment Inc ↗

11/2018 - 05/2022

- Create and manage KOPS Kubernetes clusters, dev preprod, prod
- Branch aware Gitlab Pipelines for code deployments
- Extensive work with Gitlab Runners on KOPS managed Kubernetes clusters
- Jetstack Cert-Manager with Let's Encrypt for auto-renewing TLS certificates - Numerous prototypes, research and lab work.
- Extensive collaboration with remote team members

### DevOps Engineer

ReachNow LLC ↗

05/2018 - 12/2018

Technology backend team member for (former) Seattle based BMW Group AG car-sharing, ride-hailing, short-term rental service ReachNow.

- Deploy and manage AWS based resources
- Participate in code reviews and technical discussions
- Help QA iOS mobile application (beta app + prod app) with beta and production vehicle fleet. (X5, i3, Mini, etc.)
- Mentor junior team members on proprietary AWS tools and Open Source alternatives

### DevOps Engineer

Valassis Marketing Solutions ↗

06/2017 - 05/2018

- Part of team that migrated applications from a Mesos DCOS

## SUMMARY

Deep history of learning, using, creating new technologies, tools, frameworks.

At Zipwhip Inc. I created the original docker container foundation, which resulted in an ability to easily roll-out multiple environments, and scale services quickly. For five years prior, I helped build R-Lang data-science tools company Revolution Analytics, which resulted in an acquisition by Microsoft Corp in April 2015. [goo.gl/oqhvnq]

- My Reported Contributions on Github -  
github.com/search?q=author%3Acmosetick

## SKILLS

linux

macos

kubernetes

docker

gitlab

github

bash

python

snyk

sysdig

AWS

ZFS

packer

terraform

yubikey + webauthn

arm64 + iot

stable diffusion

comfyUI

hugo

cluster to Kubernetes resulting in \$75K/ year annual cost reduction

- Custom Google Stackdriver integration on AWS based Kubernetes hosts for app/container logging + monitoring
- Kubernetes cluster initialization, management and upgrades with kops
- Kube2IAM rollout for individual container based security policies
- Base AMI building process with Packer and Gitlab Pipelines for custom Kubernetes host images. - K8s manifest file creation for deployments, pods, cron-jobs, etc

## DevOps Engineer

Zipwhip Inc.

06/2016 - 05/2017

Acquired by Twilio Inc. July 2021 (NYSE: TWLO)

<https://www.twilio.com/press/releases/twilio-completes-acquisition-of-zipwhip-a-leading-provider-of-toll-free-messaging-in-the-united-states>

- 2nd half of 2016, I helped support a 189% increase in API traffic. 234% increase in Gateway traffic. 87% increase in overall network traffic.
- In-house Docker / containerization, Linux expert
- Creator / Maintainer of all in-house + open source Docker images used for testing, qa and production.
- Rancher Server rollout for dev, qa, production with both AWS cloud + bare metal hosts in our DC's
- Terraform template creation for AWS, VPC, Security Group and EC2 host management.
- Build pipeline automation with Jenkins, Maven and Docker (+ Slack integration)
- Introduced ZFS file system driver to production Docker servers
- Extensive collaboration with Java and Node.js developers, including Rancher and Docker best practices and concepts