

**Name:** Sevag Hanssian

**Contact:** sevag.hanssian@gmail.com

**Skills:** Python, Go, Prometheus, Rust, Linux, Docker, Nomad, Ansible, AWS, Terraform

## Experience

**Sr. site reliability engineer at Pandora Radio**, Oakland, CA Dec 2017 – Present

- Created a Go build cloud + artifact uploader in Nomad for internal Go projects and external mirrors
- Contributed systemd summary feature upstream to Prometheus node\_exporter
- Created a CI pipeline for Prometheus v1 rules to validate and automatically generate v2 syntax rules
- Reviewed Prometheus recording + alerting rules pull requests and developed best practice docs for devs
- Implemented monitoring and alerting for hardware (ipmi, PCI cards) using Prometheus and ELK
- Implement ZFS checks, metrics gathering and alerting in Nagios and Prometheus
- Wrote a Go slackbot with PagerDuty integration and a configurable Postgres backend

**Site reliability engineer at AdGear (Samsung)**, Montréal, Canada Sep 2016 – Nov 2017

- Wrote [github.com/sevagh/pq](https://github.com/sevagh/pq), a command line protobuf-to-JSON parser written in Rust
- Wrote [github.com/sevagh/goat](https://github.com/sevagh/goat), an AWS tag-based EBS attach and RAID utility written in Go
- Adopted Terraform as our AWS provisioner; contributed the Salt provisioner upstream
- Implemented Artifactory as our artifact store for Maven packages, RPMs, static binaries, etc.
- Wrote Vertica tooling: performant AWS cluster (Packer/Terraform), data migration tool (Python/Bash)
- Wrote production Rust code, Rust Wireshark dissectors, and CI/CD pipelines for internal Rust projects
- Wrote Salt tooling: CI pipeline (Python/Docker/Travis-CI), custom modules: iptables, Artifactory

**Devops engineer at SAP Hybris**, Montréal, Canada Nov 2015 – Sep 2016

I wrote tools (Python/Go/Docker/Ansible) to reduce production deployment errors (Debian/httpd/JVM).

**Backend developer at Gameloft**, Montréal, Canada Aug 2015 – Nov 2015

I worked as a Python developer for backend microservices (CherryPy/Kafka/Couchbase/Debian).

**Embedded software developer at Savoir-faire Linux**, Montréal, Canada Apr 2014 – Jul 2015

Bash, C, Buildroot, OpenWRT, Python, IoT (ActiveMQ, RabbitMQ, AWS).

**Intern (jr. computer engineer) at Savoir-faire Linux**, Montréal, Canada Apr 2013 – Apr 2014

Embedded C, Buildroot, Busybox.

**Education:** B. Eng., Electrical, minor software eng., McGill University (2014)

**Portfolio:** <https://github.com/sevagh> <https://sevag.xyz>