

# AARON ESCOTO

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DEVOPS | SRE | CLOUDOPS

A professional with a strong expertise in cloud operations, microservice deployments, and working with cross-functional teams to deliver enterprise level services.

Core Skills: Problem Solver, Ownership, Collaboration, Task Automation

Technical Skills: AWS, Openstack, Linux, Terraform, Docker, Kafka, Bash, Python, Splunk, Jenkins, Jira, BigPanda

## PROFESSIONAL EXPERIENCE

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Cloud Operations Engineer

June 2016 - December 2019

TiVo

Collaborated on a new platform to deploy microservices utilizing Kafka for real-time data streaming. Architecture consists of a hybrid cloud model using AWS, Openstack, and on-prem bare-metal servers. Our team deployed, configured, diagnosed, and debugged 9 production datacenters worldwide to support rapid CI/CD of services via CoreOS and Docker containerization while maintaining a 24/7 on-call rotation. Automated several mundane datacenter wide tasks (such as OS upgrades, container checks, etc). Trained teammates/NOC on new platform to manage alerts, develop run-books, and assist from triage to resolution.

AWS:

- Successfully deployed microservices and elastic beanstalk applications using AWS CLI/GUI/Cloudformation
- Setup Cloud Watch Alerts and BigPanda Alerts via AWS GUI enabling the proactive introspection of platform

Terraform:

- Restricted application access resources via IAM policies to ensure operational security
- Created version-controlled configs via git for new services, applications, and microservices
- Deployed microservices to AWS across multiple Terraform datacenters
- Wrapped/bootstrapped new and existing AWS/Openstack datacenters

Openstack:

- Maintained physical hardware and VM's via HP on-board/KVM
- Handled day to day admin tasks, troubleshooting, and incident resolution
- Provisioned new clusters on-prem and on client sites

Veteran Services Representative

May 2013 - May 2016

Veteran Student Services (SJSU)

Counseled student Veterans with process of education benefits, and maintained student records for certifications. Organized Veteran events to increase campus awareness of Veterans, and student relations.

- Developed a website/webmaster for Veteran Student Organization to build community relations.
- Certified thousands of Veteran students through VAONCE and maintained personal files resulting in timely certification of benefits.

Cavalry Scout (Supervisor)

September 2009 - May 2013

United States Army - Ft. Carson, CO (4th Infantry Division 2-8 Infantry)

Assigned to 30-man platoon and 12-man squad. Led training of 3-man team of Afghanistan National Police by holding regular meetings with local leaders to address terrorism and provide better living conditions for local villages.

- Trained local Afghanistan police in anti-terrorism techniques enabling them to keep hostile groups, ordinance, and unwanted groups out of their community.

## EDUCATION

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BS Computer Science | San Jose State University 2017

(1 class needed for degree, transcripts available on request)

Senior Project: Hangry

Designed and developed an Android application to locate nearby food trucks in real-time so users can locate their favorite food trucks with ease using Android Studio, GPS, Google Location Services, and DynamoDB.