

AARON ESCOTO

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DEVOPS | SRE | CLOUDOPS

A talented, dynamic Professional with strong expertise in cloud operations, micro-services deployment, and collaboration. Thrives in a collaborative environment. Skilled in using Linux and ensuring goals met.

Core Skills: Application Development, Teamwork, Task Automation, Collaboration, Communication

Technical Skills: AWS, Linux, Terraform, Docker, Bash, JAVA, Splunk, Jenkins, Jira, Cloud Services, EC2, EBS, ELB, S3, IAM, Route53, RDS, Alexa Skill, Android Studio, DynamoDB, Lambda, Google Location Services

PROFESSIONAL EXPERIENCE

Cloud Operations Engineer

June 2016-December 2019

TiVo

Collaborated on a new platform to deploy TiVo based micro-services utilizing Kafka for real-time data streaming. Architecture consists of a hybrid cloud model using AWS, Openstack, and on-prem bare-metal servers. team deployed, configured, diagnosed, and troubleshot 9 production data centers 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 in triage to resolution.

AWS:

- Successfully deployed micro-services and elastic beanstalk applications using AWS CLI/GUI
- Setup CloudWatch Alerts and BigPanda Alerts via AWS GUI
- Completed various admin tasks (VPC, IAM, SNS, SG's)
- Restricted application access resources via IAM policies to ensure operational security

Terraform:

- Created version-controlled configs via git for new services, applications, and micro-services
- Deployed services to AWS across multiple Terraform data centers
- Wrapped existing and bootstrapped new Openstack/AWS data centers via Terraform

Openstack:

- Maintained physical hardware and VM's
- Handled day to day admin tasks and troubleshooting
- Provisioned new clusters

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 (team leader)

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

BS Computer Science | San Jose State University

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.