AARON ESCOTO

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DEVOPS | SRE | CLOUDOPS

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

Core Skills: Problem Solver, Curious and hungry learner, Ownership, Collaboration, Task Automation

Technical Skills: AWS, Openstack, Linux, Terraform, Docker, Bash, Kafka, Java, Python, Splunk, Jenkins, Jira, BigPanda, CloudFormation, EC2, ELB, S3, IAM, Route53, Alexa Skill, GCP, Android Studio, DynamoDB, Lambda, Google Location Services

PROFESSIONAL EXPERIENCE

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 datacenter's 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
- 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 microservices
- Deployed services to AWS across multiple Terraform data centers
- Wrapped/bootstrapped new and existing AWS/Openstack datacenter's 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.