KEITH RANDAL SEGOVIA
DEVOPS ENGINEER

Professional Summary

Keith is a DevOps engineer with 6+ years of experience in the IT industry. Specializes in cloud infrastructure provisioning, scripting, and process automation. Proficient in AWS, Terraform, shell scripting, and CI/CD tools such as Jenkins and Spinnaker. Experienced in application support, and proactive maintenance of integrated systems.

Current Work Experience

Samsung Research & Development Institute Philippines
9F Science Hub Tower 3 McKinley Cyberpark Taguig City, Metro Manila, Philippines

DevOps Engineer
September 2019 - September 2022

- Builds and provisions the service infrastructure in the AWS Cloud Platform including, but not limited to, EC2 Instances, IAM Roles and user federation (via Keycloak), EFS/S3 Storage, Security Groups, Autoscaling Groups, Load Balancers, Route53 records, EKS Clusters, Cloudfront distributions, Lambda Functions, WAF Web ACL's, Shield Advanced protection, CloudWatch monitoring and alarms, etc.
- Creates, maintains, and decommissions service IaaC Infrastructure-as-a-Code via Terraform with the AWS Provider
- Develops and modifies Continuous Integration and Deployment pipelines for Spinnaker and Jenkins
- Modifies configuration YMLs for Helm and Ansible based on application requirements
- Handles micro-services migration from EC2 to Kubernetes (AWS EKS)
- Automates repetitive jobs via Python (boto3 AWS SDK) and Bash Scripts such as automated Security Group modification via Slack commands integration, and routine protection against known attacker IP's (AWS WAF)
- Analyzes traffic flow logs with AWS Athena, and generates reports for security and cost-reduction practices
- Handles security audits to harden AWS cloud infrastructure to meet with the company's security compliance rules
- Creates and maintains Datadog Alarms via Terraform Datadog Provider
- Submits the project's monthly billing reports to the finance team via the AWS Cost Explorer
- Participates in researching new software technologies and submitting Proof-Of-Concepts to the upper management to be implemented in potential projects in the future

Contact

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Taguig City,
1632 Metro Manila
Philippines

Education

Bachelor of Science in Computer Engineering
University of Negros Occidental Recoletos
2010 - 2015

High School
University of Negros Occidental Recoletos
2006 - 2010

Language Proficiency

English
Full Professional Proficiency

Tagalog
Bilingual Proficiency

Hiligaynon
Native Proficiency

Previous Work Experience

Amdocs Philippines Incorporated
25F Ecotower, 9th St. cor. 32nd St. BGC Taguig City, Metro Manila, Philippines

Software Developer - Experienced
January 2018 - September 2019

Software Developer - Graduate
January 2017 - January 2018

Software Support Engineer
April 2016 - December 2016

- Develops automation scripts for repetitive routine tasks such as full-environment reset, cleanup, libraries verification, etc.
- Develops high-priority "Fast-Track" projects requested by the clients along with teams from different services
- Attends regular meetings with clients, team leads, business analysts, and developers for planning, impact assessment, and documentation of ongoing and future projects
- Attends meetings with clients and core product teams regarding UAT/NFT testing of new functionalities/fixes to be deployed in production
- Executes functional and non-functional (performance) software testing for new functionalities and hotfixes to be deployed in production
- Creates test result documents that are comprehensive and easy to be read by non-technical business personnel

Certifications

Character Reference

Aladin Unay
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