

VIGHNESWARAN C

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Profile

DevOps engineer with 3 years and 7 months of work experience in AWS organizational governance and security, aspiring to obtain a relevant position wherein I can utilize my learning and proficiency to the highest potential.

- Experience in monitoring, tagging, logging and cost management tools that integrate with AWS.
- Worked with AWS EC2, S3, Lambda, CloudTrail, CloudWatch, SNS, Tag editor, Elastic Load Balancer, AWS Glue and Auto Scaling groups.
- Analyze cloud infrastructure and recommend improvements for performance gains and cost efficiencies and create and implement automation for cloud platforms for monitoring and alerting purposes.
- Working experience with JIRA tool on ticket management.
- Additional experience with Cisco PCRF, Python, Jenkins, Ansible to build the containerized setup.
- Experience in verifying Openstack environment for Sanity tests before upgrading production environment.
- Experience in working in agile environment and design, build and test different scenarios in CDN – Content Delivery Network.
- Experience in deploying web applications/websites in Kubernetes environment.

Skills/Worked in

Platform	<ul style="list-style-type: none">• AWS (EC2, S3, Lambda, CloudTrail, CloudWatch, SNS, Tag editor, Elastic Load Balancer, AWS Glue and Auto Scaling)• Kubernetes• Jenkins• DevOps• Docker• Configuration Management – Ansible.• Open stack (Neutron, Horizon, Nova, Cinder, Glance, Swift, Keystone).
Operating System	<ul style="list-style-type: none">• Windows, Linux
Scripting	<ul style="list-style-type: none">• Python

Experience Profile

Pristyncare – April 2021 – Till date

DevOps Engineer

- Worked on assigning separate Elastic IPs in a single instance for different websites in Apache server.
- Implemented the open-source OpenVPN for the entire organization.
- Implemented the open-source security tool called Prowler for continuous security assessment, auditing, hardening and incident response.
- Worked on building the docker image using Jenkins for java and node js applications.
- Worked on building the Instance metadata for running the applications in EC2 using the IAM roles.
- Deployed Kubernetes container for website/web applications using Docker image.

Kaleyra (Solutions Infini Technologies)- June 2020 -March 2021

DevOps Engineer

- Worked on Implementing AWS using EC2, S3, IAM, EBS, Auto Scaling groups, CloudTrail, CloudWatch, SNS and Tag editor.
- Performed and automated cost optimization for idle resources using the Lambda function and helped decrease the overall resource usage cost for the account by 10%.
- Pro-actively monitored resources and applications using AWS CloudWatch including creating alarms to monitor metrics such as EBS, EC2, ELB, S3 and SNS and configured notifications for the alarm generated.
- Supported offshore teams with application production, troubleshooted and resolved deployment/ configuration/set up issues.
- Deployed IAM and SSO to enhance security in the AWS production environment.
- Responsible for creating Auto-scaling groups from launch configurations to either scale out or shrink instances.
- Performed governance of AWS accounts using CloudTrail and Lambda function to find and eliminate suspicious activity.
- Evaluation/deployment of additional technologies and automation for managed services on AWS.

HCL Technologies (November 2017-May 2020)

Lead Engineer

Cisco Policy Suite for Mobile is a carrier-grade policy, charging, and subscriber data management solution. It helps service providers rapidly create and bring services to market, deliver a positive user experience, and optimize network resources.

- Knowledge on LTE call flows.
- Hands-on in simulation and testing in PCRF components, built local test setups in the OpenStack platform.
- Developed ansible playbooks to bring up the infrastructure in OpenStack and automated the build and configuration of new servers.
- Experience in Openstack Liberty environments in volume management using Cinder, network and port management using Neutron and image management using Glance

QA Test Engineer

The Cisco Content/Video Delivery System (CDS/VDS) is a distributed network of Content/video Delivery Engines (CDEs) running Content Delivery Applications (CDAs) that collaborate with each other to deliver multi-format content to a variety of client devices.

- Built local test setups, to simulate the issues reported by the customer, provided appropriate solutions and implemented them on the production environment.
- Installed VMware to Linux CDN servers and have configured Virtual Machines.
- Have extensively used CISCO (cdets) for bug tickets management.

Activities and Achievements

- Completed the Incident responder certification by PagerDuty (2021)
- Received “Budding Delivery Champion” and “Star of the Month”- September 2019 for outstanding and consistent task performance in the team at HCL Technologies.

Education

Bachelor of Engineering in Computer Science from S.K.R Engineering College, Anna University, 2015.