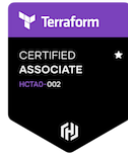# HEMANTH YARLAGADDA

Dallas, Texas, United States

Skills

Languages: Python, C, SQL, PowerShell, Bash

Networking: DNS, VPN, DHCP, TCP/IP

Virtualization & Cloud: VMware, Azure, AWS, GCP

Tools & Services: Terraform, Ansible, Jenkins, TeamCity, Git, Active Directory, AWS Lambda, Amazon Connect, CloudFormation, CodePipeline, CloudWatch, S3, CloudFront, Elastic Load Balancing (ELB), AWS Fargate, WAF, GitHub Actions, Black Duck, JFrog, VPC, VNet, NSG, VMware ESXi, VMware vSphere, YAML, JSON, Karate

Containerization: Docker, Amazon Elastic Container Service (ECS), Kubernetes (AKS, EKS), OpenShift

Build Tools: MS Build, AWS CodeBuild

Version Control: GitHub, GitLab, AWS CodeCommit, Bitbucket

Operating Systems: Debian, Kali Linux, Security Onion, Mac OS, Windows, Linux.

Experience

DevOps Engineer
Chase

Jun 2023 - Present (3 months)
• Deployed ephemeral spring boot applications onto the Kubernetes cluster thereby saving the firm 27% reduction in infrastructure costs
• Developed and Integrated AWS Lambda functions across cross teams thereby reducing deployments times and infrastructure costs by 23%
• Built Jenkins application pipeline from scratch using groovy and integrated component testing in it.
• Worked on Terraform modules to spin up infrastructure such as AWS Lambda, MSK clusters, S3 buckets
• Worked on component testing of the application using karate framework and integrating that within the Jenkins pipeline
• Automated the Amazon Aurora table creation and populated the data with Liquibase using aws lambda functions

DevOps Engineer
Amazon Web Services (AWS)

Sep 2022 - Apr 2023
• Designed and implemented a 3-tier architecture using AWS services such as S3, ELB, Terraform, ECS, RDS, VPC and Lambda.
• Optimized the infrastructure leveraging the AWS Well-Architected Framework thereby reducing the overall cost of running the infrastructure by 37%.
• Developed custom Terraform modules to accommodate customer infrastructure
• Created and maintained CI/CD pipelines deployed using Terraform, GitHub, CodePipeline
• Monitored and troubleshooted AWS infrastructure issues using CloudWatch and CloudTrail

- Curated the customer experience using Amazon Connect by creating contact flows as per business requirement.
- Implemented secure IVR solution to encrypt and decrypt credit card digits

DevOps Engineer
Rockwell Automation

Aug 2021 - Sep 2022

- Responsible for Active Directory, ESXi maintenance, and troubleshooting
- Migrating the on premises build infrastructure to Azure, VMware VxRails
- Maintaining and building Jenkins pipelines migrating them to Azure AKS (Azure Kubernetes Service)
- Improving the Jenkins pipelines by following the best practices thereby reducing build times.
- Making use of artifactory to publish builds and managing dependencies required for the build in artifactory repos.

DevOps Engineer
fruitstone

Apr 2020 - Jul 2021

- Migrated legacy Jenkins configuration to the newer pipeline scripts.
- Integrated JFrog Artifactory with Jenkins to store builds, binaries, dependencies, and packages necessary for building the product
- Configured servers and installed required softwares using Ansible playbooks
- Maintained VMware ESXi servers within the company's infrastructure

Cloud Engineer
Sistel Group

Mar 2015 - Oct 2016

- Deployed and managed servers utilizing both traditional and cloud-oriented providers like Amazon with Ansible configuration management through initial technology development, and into production and maintenance.
- Worked with VMware ESXi on creating new VMs and managing the operating system on the VMs.
- Worked with AWS Cloud formation templates for services like S3, DMS etc.

Licenses & Certifications

Amazon Web Services Solutions Architect - Associate - Amazon Web Services (AWS)
Issued Nov 2022 - Expires Nov 2025
https://www.credly.com/badges/c48c6158-fb07-4a18-bd73-099607105509/public_url

Amazon Web Services Developer - Associate - Amazon Web Services (AWS)
Issued Dec 2022 - Expires Dec 2025
https://www.credly.com/badges/261e7f3e-9ef4-4cdf-a720-77c0f900b52a/public_url

Azure fundamentals - Microsoft

https://www.credly.com/badges/375bbec0-66f6-4771-b1cc-612d6b4bcf45/public_url

Terraform Associate - HashiCorp
Issued Jan 2022 - Expires Jan 2024
https://www.credly.com/badges/ff7915a1-1163-4752-a304-77ca65ad2095/public_url

Education

University of Cincinnati | Aug 2018 – Dec 2019
Masters, Computer Engineering – Cyber Security

Bachelors, Electronics and Communication Engineering MGIT, JNTUH | Aug 2013 –
May 2017