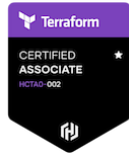


# HEMANTH YARLAGADDA



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201-736-0748

## Skills

**Languages:** PowerShell, Bash, Groovy, Python, C, SQL.

**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, JFrog, VPC, VNet, NSG, VMware ESXi, VMware vSphere, YAML, JSON, Karate.

**Monitoring:** CloudWatch, Splunk, DataDog, Prometheus, Grafana

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

**GitSecOps:** CodeGuru, BlackDuck, SonarQube, Checkmarx, Synk, Scout, checkov, Terrascan

**Build Tools:** Gradle, Maven, MS Build, AWS CodeBuild

**Version Control:** GitHub, GitLab, AWS CodeCommit, Bitbucket

**Networking:** DNS, VPN, DHCP, TCP/IP, SMTP, DNS, LDAP, NTP, HTTP.

**Virtualization & Cloud:** GCP, AWS, Azure, VMware

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

## Experience



### DevOps Engineer

Chase

Jun 2023 - Present

- 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, shell scripting 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 using groovy.
- Automated the Amazon Aurora table creation and populated the data with Liquibase using aws lambda functions to facilitate component testing.



### 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 using custom Terraform modules.

- Optimized the infrastructure leveraging the AWS Well-Architected Framework thereby reducing the overall cost of running the infrastructure.
- Created and maintained CI/CD pipelines deployed using Terraform, GitHub, CodePipeline
- Monitored and troubleshooted AWS infrastructure issues using CloudWatch and CloudTrail
- Configured contact center setups and designed efficient contact flows.
- Implemented skill based routing to direct contacts to appropriate agents and set up queues and routing profiles



## **DevOps Engineer**

### **Rockwell Automation**

Aug 2021 - Sep 2022

- On boarding various team's applications to a centralized Jenkins CI/CD pipeline.
- Responsible for Active Directory, ESXi maintenance, and troubleshooting
- Designed interactive dashboards and reports on Splunk about Jenkins pipeline data and monitored it.
- Migrating the on-premises build infrastructure to Azure, VMware VxRails.
- Implemented and managed shared libraries to enhance productivity across the project.
- Handled config management using Ansible, PowerShell for multiple software installations.
- 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 packages 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



**[Amazon Web Services Developer - Associate - Amazon Web Services \(AWS\)](#)**

Issued Dec 2022 - Expires Dec 2025



**[Azure fundamentals](#)** - Microsoft



**[Terraform Associate](#)** - HashiCorp

Issued Jan 2022 - Expires Jan 2024

## Education



**University of Cincinnati | Aug 2018 – Dec 2019**

Masters, Computer Engineering – Cyber Security



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