

HEMANTH YARLAGADDA

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▪ [My website](#)

SKILLS

Languages: Python, C, SQL, PowerShell, Bash

Networking: DNS, VPN, DHCP, TCP/IP

Virtualization & Cloud: VMware, Azure, AWS, GCP

Tools & Services: Terraform, Ansible, Jenkins, Git, AWS Lambda, Amazon Connect, CloudFormation, CodePipeline, CloudWatch, S3, CloudFront, Elastic Load Balancing (ELB), AWS Fargate, WAF, GitHub Pages, Black Duck, JFrog, VPC, vNET, NSG, YAML, JSON

Containerization: Docker, Amazon Elastic Container Service (ECS)

Build Tools: MS Build, AWS CodeBuild

Version Control: GitHub, GitLab, AWS CodeCommit, Bitbucket

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

WORK EXPERIENCE

Professional Services I **AWS, Texas** Sept 2022 – Present

- 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

DevOps Engineer **Rockwell Automation, Ohio** Aug 2021 – Sept 2022

- Responsible for VMWare ESXi maintenance and troubleshooting
- Migrating the on prem build infrastructure to Vmware Vxrails
- Maintaining and building Jenkins pipelines as required for the team
- 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, Texas** Jan 2020 – July 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 Developer**SiSTel Group- India****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.

Certifications

- Terraform Associate 002
- DVA-C02 AWS Certified Developer – Associate
- SAA-C03 AWS Certified Solutions Architect – Associate
- AZ 900 – Azure Fundamentals

Education**Master's in Computer Engineering****3.67/4****University of Cincinnati****Dec 2019****Bachelor's in Electronics and Communication Engineering****MGIT, JNTUH****May 2017**