**Hemanth yarlagadda**

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▪ [My website](https://www.hemanthyarlagadda.me/)

**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,** TexasSept 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,** OhioAug 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-** IndiaMar 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