

HEMANTH YARLAGADDA

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<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), Kubernetes (AKS, EKS)

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



Professional Services

Amazon Web Services (AWS)

Sep 2022 - Apr 2023 (8 months)

- 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

Aug 2021 - Sep 2022 (1 year 2 months)

Responsible for; ESXi maintenance and troubleshooting

- Migrating the on premises 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

Jan 2020 - Jul 2021 (1 year 7 months)

- 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 (1 year 8 months)

- 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

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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

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Education



University of Cincinnati

Masters, Computer Engineering



Bachelors, Electronics and Communication Engineering MGIT, JNTUH