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# 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 Actions, 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

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 **Azure fundamentals** - Microsoft

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 **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