



SUMMARY

Passionate commerce graduate successfully transitioned into DevOps engineering with expertise in AWS, Docker, Linux, Kubernetes, Jenkins, Ansible, and Terraform. Experienced in automating CI/CD pipelines, managing cloud infrastructures, and deploying containerized applications. Quick to learn and adapt, demonstrating strong commitment and confidence in excelling in the DevOps field. Excited to contribute innovative solutions and thrive in collaborative environments.

EDUCATION

Kumaraguru college of liberal arts and sciences
B.COM [PROFESSIONAL ACCOUNTING]
2020 – 2023

CERTIFICATIONS

INFRASTRUCTURE MANAGEMENT SERVICE:

- NETWORKING – CISCO CCNA
[CISCO CERTIFIED NETWORK ASSOCIATE]
- AWS Academy Cloud Architecting
- REDHAT – RHCA 124,134
- Red hat enterprise linux automation with ansible – RH 294
- Red hat open shift developer introduction to container – DO 188

SKILLS

- Cognitive Flexibility
- Resilience
- System thinking
- Curiosity
- Strategic thinking

LANGUAGES KNOWN

- ENGLISH
- TAMIL
- HINDI

EXPERTISE TOOLS

DevOps with Infrastructure management services:

DevOps tools:

- **DOCKER** – Skilled in building Docker images, orchestrating multi-container applications, managing persistent storage, and configuring Docker networks for container communication.
- **JENKINS** – Implemented automated CI/CD pipelines for efficient software delivery. Provisioning master/slave architecture to assign jobs.
- **KUBERNETES** – Container orchestration, deploying and managing scalable applications automating infrastructure provisioning and management.
- **ANSIBLE** – For automating configuration management, provisioning infrastructure, and deploying applications across multiple systems, streamlining IT operations and reducing manual effort.
- **TERRAFORM** – Automating infrastructure provisioning and state tracking using modules, variables, and data sources.

Cloud platforms:

AWS [AMAZON WEB SERVICES] – EC2, S3, RDS, Lambda, ECS, EKS, IAM, VPC, Route53.

OS: Ubuntu, Windows

Linux and security:

SSH, SSL, Firewall, Permission management, user and group management, Virtual hosting, Disk partition, package and process management.

Version control:

GIT, GIT HUB

PROJECTS

- **Jenkins** - Leveraged Jenkins to establish a distributed CI/CD pipeline, integrating with Git and Docker. Containerized a Python application using Docker, automating builds, tests, and deployments to AWS S3.
- **Kubernetes** - Deployed scalable MySQL and phpMyAdmin on Kubernetes with Pods, Deployments, and Services. Automated scaling and management for high availability and performance optimization.
- **Ansible** - Automated server configuration and deployment using Ansible playbooks in a master-slave setup. Installed and managed Apache and Cockpit on slave nodes to enhance monitoring and management.
- **AWS** - Implemented scalable infrastructure using EC2, VPC, and security groups for high availability. Configured load balancers and auto-scaling groups for dynamic traffic management.