

# Vigneshwaran Sivasubramaniyan

## CLOUD SENIOR ENGINEER

DevOps Engineer with 8+ years of experience in automating infrastructure, building CI/CD pipelines, managing Kubernetes & Docker environments, and implementing cloud-native solutions. Seeking a challenging role to leverage skills in DevOps, Cloud Computing, Infrastructure Automation, and modern software delivery practices.



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## SKILLS

Shell AWS Kubernetes Docker Jenkins GitHub Actions Helm Terraform Ansible Python  
vROPS Cloudflare Tunnel Cloudflare Zero Trust YAML Prometheus Grafana ML/LLM VMware  
Git/GitHub ESXi n8n Linux

## WORK EXPERIENCE

### CLOUD SENIOR ENGINEER

TCS Pvt Ltd

10/2024 - Present

Chennai

- Expertly designed, implemented, and managed end-to-end CI/CD pipelines using GitHub Actions and Jenkins for automated build, test, and deployment workflows.
- Leading DevOps initiatives including Kubernetes cluster management, container orchestration, and high-availability microservice deployments.
- Coordinating cloud-native migrations and infrastructure automation using Terraform, Helm, and GitOps-based workflows.
- Managing container image lifecycle, registry optimization, and secure deployment strategies across multiple environments.
- Troubleshooting CI/CD, Kubernetes, networking, and infrastructure issues (L2/L3 level) while collaborating with development, cloud, and SRE teams for root-cause analysis.
- Engaging in cloud integration and automation projects, leveraging Cloudflare Tunnel, Cloudflare Zero Trust, AWS services, and hybrid cloud platforms.
- Hands-on experience with Docker, Kubernetes, Helm, Prometheus, Grafana, and Terraform for provisioning, monitoring, scaling, and managing cloud-native applications.
- Implementing observability stacks (Prometheus/Grafana/Loki) and automated alerting for improved reliability, performance optimization, and incident response.

### CLOUD TRANSFER SENIOR ENGINEER

Accenture Pvt Ltd

10/2021 - 10/2024

Coimbatore

- Expertly installed, configured, and managed VMware vSphere environments (versions 6.x and 7).
- Proficient in building new ESXi environments from the ground up, including BIOS configuration, OS installation, and firmware updates.
- Skilled in PowerCLI scripting for automation and management tasks.
- Successful in performing vCenter upgrades, transitioning from versions 6.5 and 6.7 to 7.x.
- Utilized vRealize Operations Manager for comprehensive monitoring of ESXi hosts and VM health.
- Designed and implemented distributed switches and port groups to optimize network configurations.
- Skillfully resolved migration issues and executed critical post-migration tasks.
- Seamlessly extended virtual machine disk space in response to user requirements.

## INFRA SPECIALIST ENGINEER

Mphasis Pvt Ltd

08/2017 - 10/2021

Chennai

- Expertly installed, configured, and administered VMware vSphere 6.x environments.
- Efficiently constructed new ESXi 6.x servers adhering to stringent standards.
- Diligently patched ESXi servers utilizing Update Manager for optimal performance.
- Managed the creation and maintenance of virtual machines and templates.
- Successfully upgraded virtual machine hardware versions to enhance functionality.
- Proactively liaised with product vendors to address and resolve server hardware issues.
- Executed snapshots and cloning operations to ensure data integrity and availability.
- Kept virtual infrastructure up-to-date with the latest patches using Update Manager.
- Streamlined operations by creating templates and deploying VMs from these templates

## INFRA SPECIALIST ENGINEER

Sharp Gaze Pvt Ltd

05/2016 - 08/2017

Chennai

- Proficient in Windows and Linux Server installation, configuration, and maintenance, ensuring robust support for enterprise operations.
- Skilled in VMware environments, including the administration of ESXi hosts and vCenter Server.
- Adept at executing daily VMware operations, including provisioning, migrations, and vMotion activities.
- Competent in performing decommissioning and reconfiguration tasks to optimize infrastructure performance.
- Proficient in creating and managing both Windows and Linux virtual machines to meet diverse organizational needs.
- Delivered Level 2 remote application support, enhancing user productivity and satisfaction.
- Hands-on experience with data centre operations, contributing to the reliability and efficiency of IT services.

## PERSONAL PROJECTS

### • Two Tier Web Application with Docker & Jenkins

**Tools:** GitHub Actions, Jenkins, Docker

**Description:**

Created end-to-end CI/CD pipelines for containerized microservices including build, test, image push, and automated Kubernetes deployment.

### • Docker Home-Lab Setup (Self-Hosted)

**Tools:** Docker, Kubernetes, Portainer, Ubuntu

**Description:**

Built a full DevOps learning/sandbox environment for experimenting with container orchestration and CI/CD workflows.

## EDUCATION

### BACHELOR OF ENGINEERING

Rukmani Varadarajan Engineering college.

2014

Vedaranyam

### DIPLOMA (ECE)

Rukmani Varadarajan Engineering college.

2010

Vedaranyam

### S.S.L.C

Govt Higher Secondary School,

2008

Vedaranyam

## LANGUAGES

English

Native or Bilingual Proficiency

Tamil

Native or Bilingual Proficiency