

Vigneshwaran Sivasubramaniyan

SENIOR CLOUD ENGINEER

DevOps Engineer with **8+ years** of experience in Kubernetes, OpenShift, and cloud-native automation. Focused on building secure, scalable platforms and delivering high-efficiency CI/CD.



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SKILLS



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