

JEEVANANTHAM P

Site Reliability Engineer | DevOps Engineer

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Experience

Site Reliability Engineer

Cisco Systems (Contract)

01/2024 – Present Chennai, India

Adecco India Pvt Ltd (Jan 2024 – May 2026) | Tekgence India Pvt Ltd (May 2026 – Present)

- Maintained 99.99% uptime for Webex Meetings by managing 50+ K8s clusters across 8 DCs serving 100M+ users
- Cut infrastructure costs by 25% through HPA scale-down stabilization and time-based cronjob scaling
- Enabled zero-downtime deployments using PodDisruptionBudgets during cluster maintenance
- Managed Helm charts for 50+ microservices with HPA, PDB, resource quotas, and sidecar patterns
- Resolved 95% of pod failures within SLA by debugging CrashLoopBackOff, OOMKilled, ImagePullBackOff issues
- Saved 15+ hours weekly by developing 20+ Python/Bash automation scripts for operations
- Slashed deployment time by 60% with Python Kubernetes Client tools for parallel execution across clusters
- Built Grafana dashboard propagation tool for consistent deployment across 8+ data centers
- Developed cluster auth automation with HashiCorp Vault integration for secure token management
- Lowered MTTD by 40% by designing 25+ Grafana dashboards for availability, error rates, latency metrics
- Decreased MTTR by 35% through automated alerting and runbook execution
- Conducted RCA for 100+ incidents, trimming repeat incidents by 60%
- Led AIOps initiatives integrating ML models, improving anomaly detection by 40%
- Published "Copilot Chat History Search" VS Code extension on Marketplace

Software Engineer

Torry Harris Integration Solutions

09/2021 – 01/2024 Bangalore, India

- Delivered 10+ enterprise Java applications with AWS SDK for cloud integrations
- Achieved 95% deployment success rate with Jenkins and Docker-based CI/CD pipelines
- Designed Kafka clusters processing 500K+ messages daily on Kubernetes and Helm charts
- Built PDF Q&A chatbot using LangChain/LLM with 85% query accuracy
- Integrated Hugging Face models, cutting document processing time by 50%

Associate Software Engineer

Torry Harris Integration Solutions

08/2019 – 09/2021 Bangalore, India

- Shortened provisioning time by 60% using Terraform for Azure infrastructure
- Containerized 15+ Kafka applications using Docker for consistent deployments
- Developed 10+ UiPath RPA workflows, automating 200+ hours monthly

Summary

Site Reliability Engineer with 6+ years ensuring 99.99% uptime for Cisco Webex Meetings across 50+ Kubernetes clusters and 8 global data centers serving 100M+ users. Drove 40% MTTD reduction and 35% MTTR reduction through automation and continuous monitoring. Expertise in Kubernetes, CI/CD, IaC, and cloud platforms (AWS, Azure).

Skills

Cloud

AWS EC2 EKS VPC IAM Azure DevOps
AKS Azure OpenAI

Containers & Orchestration

Docker Kubernetes ArgoCD Helm HPA
VPA PDB

CI/CD

Jenkins GitLab CI/CD GitHub Actions

Infrastructure as Code

Terraform Ansible

Observability

Prometheus Grafana ELK Stack AppDynamics
ThousandEyes

Languages

Python Bash Java

Other

HashiCorp Vault Kafka LangChain MCP Git

Projects

Cloud Instance Manager

AWS EC2 management platform with Spring Boot, JWT auth, RBAC, and multi-region support.

Copilot Chat History Search

VS Code extension for searching GitHub Copilot conversations (*Published*).

PDF Q&A Chatbot

LangChain-based AI chatbot with vector search for document analysis.

SLO Dashboards

Grafana SLO/SLI dashboards with error budget alerts and Prometheus integration.

Education

B.E. Computer Science

Velammal Engineering College, Anna University

2015 – 2019 Grade: 74/100

Higher Secondary Education

Adhiyaman Matric Hr. Sec. School

2014 – 2015 Grade: 94/100