Selvin Raj P

Senior DevOps Engineer | Platform Engineering | Cloud Infrastructure

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https://selvinjethu.github.io/portfolio/

PROFESSIONAL SUMMARY

Senior DevOps Engineer with 8+ years of experience designing and managing cloud-native infrastructure, Kubernetes platforms, and enterprise CI/CD ecosystems across AWS environments. Proven track record leading DevOps teams, modernizing deployment strategies, and driving platform reliability through automation, GitOps, and Infrastructure as Code. Experienced in Platform Engineering, Site Reliability Engineering (SRE), and Cloud Automation, with strong expertise in OpenShift, EKS, Terraform, and cloud-native architecture focused on scalability, availability, and continuous delivery.

Target Roles: Senior Platform Engineer | Senior DevOps Engineer | Cloud Infrastructure Engineer | Site Reliability Engineer (SRE)

CORE COMPETENCIES

- Cloud Platform Engineering (AWS, Multi-Cloud)
- Kubernetes Platform Management (EKS, OpenShift 4.x)
- CI/CD Architecture & Automation
- Infrastructure as Code (Terraform, Helm, Ansible)
- GitOps & Progressive Delivery (ArgoCD, Harness)
- Observability, Incident Management & Reliability Engineering
- DevSecOps & Automated Code Quality
- Technical Leadership, Mentoring & DevOps Transformation
- Internal Developer Platform (IDP) enablement

TECHNICAL STACK

- Cloud: AWS, Azure, GCP
- Containers: Kubernetes, Amazon EKS, OpenShift 4.x, Docker, Rancher
- CI/CD: Jenkins, GitHub Actions, ArgoCD, Harness, Octopus Deploy, AWS CodeBuild
- IaC & Automation: Terraform, Helm, Ansible, Bash, Python
- Monitoring & Observability: Prometheus, Grafana, CloudWatch, Splunk, New Relic, OpenTelemetry (concepts)
- Security: SonarQube, Veracode, IAM, Secrets Management
- Databases & Messaging: PostgreSQL, MongoDB, Kafka (MSK)
- Linux & Networking: Red Hat, Ubuntu, Nginx, ELB, CCNA Networking

PROFESSIONAL EXPERIENCE

Technical Lead / Senior DevOps Engineer — Wipro (Abbott Project) | Mar 2025 – Present

- Leading DevOps initiatives supporting 20+ enterprise healthcare applications across AWS infrastructure.
- Architected CI/CD platform using GitHub Actions to enable automated build, test, and deployment workflows.
- Migrated AWS EKS environments with near-zero downtime, improving platform reliability and release confidence.
- Implemented Helm-based Kubernetes deployments supporting multi-environment release orchestration.
- Enabled observability strategy using New Relic alerts and proactive monitoring to reduce incident response time.
- Managed cloud infrastructure including MSK, MongoDB, and PostgreSQL workloads.
- Mentored DevOps engineers and standardized deployment practices across teams.

Senior DevOps Engineer — Cotiviti India Pvt Ltd | Aug 2024 – Feb 2025

- Designed and optimized enterprise CI/CD pipelines using Jenkins and GitHub Actions, reducing deployment effort.
- Integrated SonarQube and Veracode for automated security and quality gates.
- Implemented GitOps deployment model using ArgoCD for consistent and auditable releases.
- Managed Kubernetes-based deployments on AWS EKS using Helm charts.
- Built centralized monitoring dashboards with Prometheus and Grafana to improve operational visibility.

Consultant /DevOps Engineer — Capgemini | May 2023 – Aug 2024

- Managed AWS infrastructure across multi-account environments with focus on high availability and scalability.
- Deployed and upgraded OpenShift 4.x and Amazon EKS clusters.
- Automated infrastructure provisioning via Terraform and Ansible.
- Implemented GitOps workflows with ArgoCD and FluxCD.
- Executed cloud cost optimization initiatives and improved resource utilization.

DevOps & Cloud Engineer — Aggregate Intelligence Inc | Dec 2021 – May 2023

- Administered AWS & GCP cloud environments.
- Developed Dockerized workloads and Kubernetes deployments.
- Built CI/CD pipelines for automated application releases.
- Managed centralized logging using Splunk.

System Administrator — The TNCA Club | Dec 2017 – Nov 2021

- Managed Linux infrastructure and enterprise servers.
- Automated provisioning using Terraform (EC2, IAM, VPC, EKS).
- Implemented system monitoring, patching, and networking configurations.

SELECTED PLATFORM ENGINEERING PROJECTS

- Kubernetes Platform Modernization: Migrated workloads to EKS enabling improved scalability and reliability; implemented Helm-driven deployment standards.
- Enterprise CI/CD Automation Framework: Designed reusable pipelines reducing deployment time by 60% and enabling automation-driven release cycles.
- OpenShift Platform Engineering: Managed OpenShift 4.x upgrades and lifecycle operations, improving application onboarding efficiency.

EDUCATION

B.E — Electronics & Communication Engineering, Mount Zion College of Engineering (2013 – 2017)