

Niran Prem

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Summary

DevOps and Cloud Engineer with above 4 years of experience designing, deploying, and automating scalable infrastructure in AWS, Azure, GCP environments. Proficient in tools like Terraform, Kubernetes(EKS, AKS, GKE), Docker, and CI/CD pipelines. Passionate about optimizing system performance, enhancing security, and leading automation-first DevOps transformations in enterprise settings.

Education

Indira Gandhi National Open University, Cochin *June 2022 – Jan 2026*
BCA in Computer Applications

Sreerama Gov Polytechnic College, Thiriprayar *August 2018 – July 2021*
Diploma in Electrical and Electronics, GPA: 8.5

Professional Experience

System Engineer *Oct 2021 – Sep 2025*
Infosys Limited, Bangalore

- Architected and maintained enterprise-grade CI/CD pipelines using Azure Pipeline, AWS CodePipeline, CodeBuild, CodeDeploy and Jenkins reducing release cycle time by 45%.
- Automated provisioning and configuration of cloud infrastructure with Terraform, enhancing deployment consistency across 30+ production environments.
- Managed Kubernetes (EKS, AKS, GKE) clusters at scale, deploying microservices across multi-region clusters with zero downtime deployments.
- Integrated Docker, Ansible, and GitOps workflows for seamless infrastructure automation and configuration drift prevention.
- Designed and deployed secure, highly available systems across AZURE, GCP, AWS leveraging monitoring tools like CloudWatch ,Grafana for real-time health checks.
- Supported endpoint security hardening by deploying and troubleshooting Symantec SEP, contributing to improved security posture during audits.
- Configured and troubleshoot networking components including TCP/IP, DNS, VPNs, and firewalls, ensuring secure and reliable connectivity across enterprise environments.
- Hands-on experience with virtualization technologies such as VMware vSphere for provisioning, migration, and maintenance of virtualized workloads.

Senior Technical Analyst *Oct 2025 – Present*
PIT Solutions Pvt. Ltd., Kochi

- Managing multi-cloud DevOps environments across AWS, Azure, and on-premises (Hetzner) servers for hosting and deploying production-grade web applications and services.
- Implementing and maintaining Kubernetes clusters on Hetzner (on-prem) for high-availability deployments, ensuring optimized performance and scalability.
- Building and optimizing CI/CD pipelines using Azure DevOps and AWS CodePipeline, integrating automated testing, container builds, and blue-green deployments.
- Automating infrastructure provisioning using Terraform and configuration management through Ansible, improving deployment speed and reducing manual operations.
- Managing containerized workloads using Docker and integrating GitOps workflows for version-controlled infrastructure changes.
- Configuring centralized monitoring and alerting systems with Zabbix, Grafana, and CloudWatch to enhance visibility and uptime across hybrid environments.
- Collaborating with development teams to streamline application delivery pipelines, ensuring compliance with DevOps best practices and security guidelines.

Technical Skills

Cloud Platforms: AWS, Azure, GCP

DevOps Tools: Terraform, Ansible, Kubernetes (EKS, GKE, AKS), Docker, CI/CD, AZURE DevOps, GitHub, CloudFormation

Monitoring: CloudWatch, Zabbix, Grafana

Programming: Bash, Python (basic), C++

Virtualization: VMware, Hyper-V

OS: Linux (Ubuntu/RHEL), Windows Server

SRE Concepts: SLAs, SLOs, Incident Response, Observability

Others: Apache, ServiceNow, Mysql, Agile

Key Projects

Team Task Manager

DevOps Web App

Built a real-time collaborative task tracker using AWS Lambda, API Gateway, DynamoDB, Cognito, deployed via CI/CD pipeline to ECS via ECR. Delivered an S3-hosted frontend with CloudFront CDN, achieving below 100ms latency globally.

Personal Brand Website

Portfolio Website

Developed a responsive personal portfolio website using HTML, CSS, JavaScript and deployed via AWS S3 + CloudFront, showcasing UX/UI design, responsive layout, and optimized delivery with load time below 200 ms.

Certifications and Awards

Certifications:

AWS Certified Cloud Practitioner

Microsoft PL-300: Power BI Data Analyst

Microsoft MS-900: Microsoft 365 Fundamentals

(Upcoming) AWS Solutions Architect Associate (2025)

Awards:

Insta Award – Infosys: Led infrastructure provisioning for 3+ data center builds under tight SLAs.