

K VinayKumar

DevOps Engineer | Cloud Engineer

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Summary

DevOps & Cloud Engineer with **3.5+ years** of experience in AWS, Azure, Kubernetes, Terraform/Ansible, CI/CD, and SRE practices. Skilled in automating deployments, improving pipeline performance, and building secure, scalable cloud architectures. Strong hands-on experience in containerization, observability, and infrastructure automation.

Skills

- **Cloud Platforms:** AWS, Azure, GCP
- **Containerization & Orchestration:** Docker, Kubernetes, AKS, EKS, ACR, ECR
- **CI/CD Tools:** Jenkins, GitHub Actions, GitLab CI, Maven, SonarQube
- **Infrastructure as Code:** Terraform, Ansible
- **Monitoring & Observability:** Prometheus, Grafana, Loki, Jaeger, CloudWatch, AlertManager
- **Networking & Security:** VNet, Subnets, NSGs, Application Gateway, Cloudflare Zero Trust
- **Languages:** Python, Java, Shell Scripting
- **Version Control:** GitHub, GitLab
- **Other Tools:** Helm, Nexus, UDeploy, Route 53, Linux, GitOps

Experience

Infokalash IT Services Pvt Ltd | DevOps & Cloud Engineer | Jul 2022 – Present

- Delivered automation & CI/CD improvements across AWS & Azure, improving release efficiency

Project: Morpheo Ai – Ai-Powered Chatbot Application | Mar 2025 – Present

- Designed CI/CD pipelines using GitHub Actions
- Automated build & deployment on every commit
- Implemented Docker-based workflows and pushed container images to Azure Container Registry (ACR).
- Deployed microservices to Azure Kubernetes Service (AKS) using Helm and Kubernetes manifests.
- Built secure, scalable architecture using VNet, NSGs, Subnets, and Azure best practices.
- Configured Azure Application Gateway for ingress routing and integrated Auth0 / Cloudflare Zero Trust for secure authentication and access control.

Project: Bell Canada – Jenkins to GitLab CI Migration | Jan 2024 – Mar 2025

- Led the migration of **40+ CI/CD pipelines** from Jenkins to GitLab, improving deployment speed by **30%**.
- Built modular, reusable **GitLab CI templates** for Spring Boot and Python applications, reducing configuration time by **75%**.
- Engineered optimized Docker base images, decreasing build times by **30%** across all teams.
- Integrated **GitLab** → **UDeploy** → **OpenShift** deployment workflows, automating provisioning of multiple environments.
- Implemented observability stack using Prometheus, Grafana, and Jaeger for metrics, logging, and tracing.

Project: Aditya Birla Group – Dynamics to Salesforce Cloud Migration | Jun 2023 – Sep 2023

- Designed cloud infrastructure using Terraform, enabling repeatable and scalable deployments for migration workloads.
- Automated workflows using AWS Step Functions, Lambda, EventBridge, and SNS.
- Achieved **50% uptime** and seamless coordination across S3, RDS, DynamoDB, and KMS.
- Set up real-time monitoring using CloudWatch + EventBridge rules for automated alerts and workflow execution.

Project: In-House Product Suite (Payroll, LMS, EDA, MDM, Workflow) | Jul 2022 – Present

- Built and maintained enterprise CI/CD pipelines using Jenkins, automating deployments for 5+ production applications.
- Integrated DevOps workflows with Maven, SonarQube, Nexus, Docker, reducing deployment time by **70%**.
- Managed hybrid deployment strategy: AWS EKS for production and Minikube/Tomcat for development environments.
- Automated configuration management using Ansible playbooks for **5+ servers**.
- Managed networking and DNS configuration using AWS Route 53 and maintained secure GitLab servers with VPN access.

Certifications

- Microsoft Certified: **Azure Administrator Associate (AZ-104)**
- Microsoft Certified: **DevOps Engineer Expert (AZ-400)**

Education

- Bachelor of Engineering | SG Balekundri Institute of Technology | 2018–2021
- Diploma in Engineering | R.N. Shetty Polytechnic | 2015–2018
- Java Full Stack Program | JSpiders | 2021