

K VinayKumar

DevOps Engineer | Cloud Engineer

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Portfolio: <http://vinaykkumar.in>

Professional Summary

DevOps & Cloud Engineer with 4+ years of experience designing CI/CD pipelines, automating cloud infrastructure, and managing Kubernetes platforms across AWS, Azure, and GCP. Skilled in Terraform, Ansible, Docker, Kubernetes, GitLab CI, GitHub Actions, Jenkins, Helm, and Argo CD. Proven track record of migrating 25+ CI/CD pipelines, automating cloud infrastructure, and implementing observability solutions using Prometheus, Grafana, Loki, and CloudWatch.

Core Skills

- **Containerization & Orchestration:** Docker, Kubernetes, Amazon EKS, Azure AKS, Google GKE, OpenShift, Helm, ACR, ECR
- **CI/CD Tools:** Jenkins, GitHub Actions, GitLab CI, SonarQube, Nexus, UDeploy, Argo CD, JFrog
- **Infrastructure as Code (IaC):** Terraform, Ansible
- **Monitoring & Observability:** Prometheus, Grafana, Loki, Jaeger, CloudWatch, AlertManager
- **Networking :** VPC/VNet, Subnets, NSGs, Application Gateway, Route 53, Cloudflare Zero Trust
- **Languages:** Python, Java, Shell Scripting
- **Version Control:** Git, GitHub, GitLab
- **Cloud Platforms & Services:** AWS (EC2, S3, RDS, DynamoDB, Lambda, EventBridge, SNS, Route 53, Step Functions), Azure (Blob Storage, Key Vault, Azure Functions, Azure AI Search, Azure AI Foundry, App Service), GCP (Compute Engine, VPC, GKE, Artifact Registry)
- **Operating Systems:** Linux (Ubuntu), Windows
- **Security & Identity:** IAM, KMS, Auth0, Key Vault, Trivy, Azure Entra ID
- **Methodologies:** DevOps, GitOps, Agile, SDLC

Certifications

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

Experience

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

- Spearheaded DevOps, CI/CD, and cloud automation initiatives across AWS, Azure, and GCP for 4 enterprise client engagements, leveraging Kubernetes and Terraform to accelerate release cycles and reduce deployment time by up to 30%.

Product Engineering: Keehoo | Jul 2022 – Present

Tech Stack: AWS, Azure, GCP, Kubernetes, GitLab CI, Terraform, Ansible, SonarQube, Nexus, Trivy, Helm

- Managed Kubernetes-based production platforms supporting 10+ applications across AWS and Azure environments.
- Standardized GitLab CI pipelines across 10+ products, improving deployment consistency and reducing release failures.
- Contributed to observability initiatives using Prometheus, Grafana, and Loki, improving monitoring and visibility across production applications.
- Automated provisioning of AWS and Azure infrastructure using Terraform, improving deployment consistency and reducing manual configuration effort.
- Implemented GitOps-based application deployment workflows using Argo CD, improving deployment traceability and rollback capabilities.

Client Engagement: Morpheo AI | Apr 2025 – Mar 2026

Tech Stack: GitHub Actions, AKS, Docker, ACR, Azure Networking, Auth0, Cloudflare Zero Trust

- Designed and implemented CI/CD pipelines using GitHub Actions, enabling automated build and deployment workflows.
- Containerized microservices using Docker and published images to Azure Container Registry (ACR).
- Deployed workloads to Azure Kubernetes Service (AKS) using Kubernetes manifests.
- Implemented secure Azure networking using VNets, NSGs, Subnets, Application Gateway, Auth0, and Cloudflare Zero Trust to support secure application access.

Client Engagement: Bell Canada | Jan 2024 – Mar 2025

Tech Stack: GitLab CI, Jenkins, OpenShift, Docker, Prometheus, Grafana, Jaeger, JFrog

- Migrated 25+ CI/CD pipelines from Jenkins to GitLab CI, improving deployment speed by 30%.
- Developed reusable GitLab CI templates for Spring Boot and Python applications, reducing configuration effort by 45%.
- Optimized Docker base images, reducing build times by 30% across engineering teams.
- Automated deployment workflows using GitLab CI, UDeploy, and OpenShift.
- Supported monitoring and distributed tracing solutions using Prometheus, Grafana, and Jaeger across enterprise applications.

Client Engagement: Aditya Birla Group – Salesforce Cloud Migration | Jun 2023 – Sep 2023

Tech Stack: AWS, Terraform, Lambda, Step Functions, EventBridge, SNS, S3, RDS, DynamoDB, KMS

- Designed cloud infrastructure using Terraform, enabling repeatable and scalable deployments.
- Automated event-driven workflows using AWS Step Functions, Lambda, EventBridge, and SNS.
- Managed AWS services including S3, RDS, DynamoDB, and KMS for secure migration workloads.
- Implemented real-time monitoring and alerting using CloudWatch and EventBridge.

Education

- **Bachelor of Engineering | SG Balekundri Institute of Technology | 2018–2021**
- **Diploma in Engineering | R.N. Shetty Polytechnic | 2015–2018**