

VINAY V BHAJANTRI

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Summary

Cloud & DevOps Enthusiast with a portfolio of **4+ independent AWS projects** simulating enterprise workflows. Experienced in automating deployments with **Jenkins** and **Terraform**, container orchestration on **EKS/ECS**, and implementing **DevSecOps** practices for secure, **zero-downtime rollouts**. Strong focus on monitoring, alerting, and rapid execution of cloud-native solutions.

Technical Skills

- **Cloud:** AWS (EC2, S3, EKS, ECS, RDS, IAM, CloudWatch, CodeDeploy)
- **IaC:** Terraform
- **CI/CD:** Jenkins, GitHub Actions
- **Containers:** Docker, ECS, Kubernetes (EKS)
- **Monitoring:** Prometheus, Grafana, CloudWatch
- **Security/Quality:** Trivy, Syft, SonarQube, SBOM
- **Programming:** Python, Bash, YAML, JSON
- **Version Control:** Git, GitHub

Relevant Experience

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Independent, Hands-on DevOps Projects

EC2 Cloud Monitoring with CloudWatch + SNS Alerts

- Automated EC2 monitoring with CloudWatch Agent → reduced downtime risk by enabling early detection of performance bottlenecks.
- Configured CloudWatch alarms and SNS alerts → improved incident response with real-time notifications.

Quickloot E-commerce API – CI/CD Capstone

- Built full-stack CI/CD pipeline with Jenkins + Docker on AWS EKS → eliminated manual deployment, achieving fully automated rollouts.
- Provisioned AWS infra (VPC, ALB, IAM, EKS) via Terraform → reduced setup time from 3 hours to 15 minutes.
- Implemented Kubernetes blue/green deployments → ensured zero downtime during updates.
- Integrated Prometheus & Grafana dashboards → enabled real-time observability into API performance.

Notes App – CI/CD with DevSecOps

- Designed CI/CD pipeline (Jenkins → Docker → ECS Fargate) with CodeDeploy blue/green strategy → achieved zero-downtime deployments.
- Embedded DevSecOps tools (Trivy, Syft, SonarQube) into pipelines → enhanced security and compliance.
- Provisioned AWS infra (VPC, ECS, RDS, ALB) using reusable Terraform scripts → ensured scalability and repeatability.

MediOps – Disaster-Resistant Healthcare Platform

- Developed healthcare platform with Jenkins CI/CD on AWS EKS + PostgreSQL RDS → ensured secure data handling and reliability.
- Implemented cross-region S3 replication & SNS alerts → improved disaster recovery and resilience.
- Delivered zero-downtime rollouts with Kubernetes blue/green deployments → enhanced application availability.

Highlights

- Delivered **4+ cloud-native projects** with 100% CI/CD automation on AWS (EKS/ECS, Terraform).
- Reduced deployment effort by **90%** through automated Jenkins + Docker pipelines.
- Implemented **5+ DevSecOps tools** (Trivy, Syft, SonarQube, SBOM) across projects.
- Provisioned **20+ AWS resources** (VPCs, EKS clusters, RDS, ALB, CloudWatch) via IaC.
- Achieved **zero-downtime deployments** with Kubernetes & ECS blue-green strategies.

Education

KLE Technological University, Hubballi, Karnataka
Bachelor of Engineering in Electrical and Electronics

Jun 2018 – Apr 2022

Certifications

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- **In Progress: AWS Solutions Architect Associate (target 2025)**
- AWS Cloud Practitioner Essentials
- AWS Educate – Getting Started with Storage
- Fundamentals of DevOps – KodeKloud
- Docker Training Course – KodeKloud
- Cloud Security on AWS

Core Skills

- Problem-Solving – resolved Terraform and CI/CD deployment issues during project rollouts.
- Adaptability – self-learned Kubernetes & Terraform, applied in production-grade projects.
- Collaboration – contributed via GitHub projects and technical knowledge sharing.
- Time Management – delivered multiple projects under tight deadlines.
- Communication – documented workflows on portfolio site, simplified technical concepts.
- Continuous Learning – pursued AWS & DevOps certifications while building projects.