

Prathamesh Bhongale

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[GitHub](#) | [LinkedIn](#) | [Medium](#)

Professional Summary

DevOps Engineer with **3 years** of experience in automating cloud infrastructure, CI/CD pipelines, and Kubernetes orchestration across **AWS** and **Azure**. Hands-on expertise in **Terraform**, **Docker**, and monitoring stacks, with strong focus on scalability, reliability, and cost efficiency. **AWS Certified Solutions Architect** and **HashiCorp Certified Terraform Associate**.

Technical Skills

- **Cloud Platforms:** AWS, Azure
- **AWS Services:** SAM, VPC, EC2, ECS, EKS, S3, DynamoDB, RDS, Amazon MQ, Amplify, AppSync, Athena, Glue
- **Containers & IaC:** Docker, Kubernetes, OpenShift, Terraform, CloudFormation
- **CI/CD Tools:** Jenkins, GitLab CI, Azure DevOps, Argo CD
- **Monitoring/Logging:** Prometheus, Grafana, Loki, ELK, CloudWatch, LogicMonitor, Sentry, Mixpanel
- **Security/DevSecOps:** Trivy, Snyk, SonarQube
- **Scripting:** Python, Bash

Professional Experience

Associate DevOps Engineer

Innovapptive Inc., Hyderabad

Sep 2024 – Present

- Architected and deployed EKS clusters using Terraform with ALB Ingress and Karpenter for auto-scaling and zero downtime updates
- Designed blue-green deployment strategies enabling near-zero downtime releases across environments
- Reduced infrastructure cost significantly by tuning Karpenter and migrating Amazon MQ to in-cluster RabbitMQ
- Integrated and managed MongoDB Atlas clusters for high availability, backups, and performance tuning
- Built standardized Helm charts for 20+ microservices and CI/CD pipelines for Android, iOS, and Kubernetes—reducing build time by 45%
- Implemented GitOps workflows using Argo CD across all microservices, enabling automated sync, progressive delivery, faster rollbacks, and reducing deployment errors by 60%
- Implemented centralized observability using Prometheus, Grafana, Loki, and CloudWatch with proactive alerting
- Integrated Sentry with all products (Android, iOS, Web) for real-time error tracking and alerting via automated chatbot workflows
- Performed chaos engineering experiments to validate system resilience and auto-healing under load
- Established robust disaster recovery at infrastructure and database levels with minimal RTO/RPO
- Embedded DevSecOps tools (Trivy, Snyk, SonarQube) for automated vulnerability and code quality scanning

Jr. Cloud Engineer

Applied AI Consulting, Pune

Feb 2023 – Aug 2024

- **iAsk Project (Azure):** Designed infrastructure for AI chatbot platform on Azure AKS with multi-tenant architecture and secure access controls
- Enhanced CI/CD pipelines via Azure DevOps, increasing deployment frequency by 50%
- **Naahas Project (AWS):** Automated ECS, VPC, Lambda, and EventBridge provisioning using Terraform with GitLab-Jenkins integration
- Developed cost-optimized AWS Lambda architecture, improving performance and scalability
- Built AI chatbot pipelines integrating NLP workflows and backend microservices
- Configured VPC Flow Logs with Glue and Athena for real-time monitoring and analytics
- Deployed serverless workflows with Lambda, Step Functions, and EventBridge for event-driven automation
- Implemented CloudWatch and LogicMonitor dashboards for enhanced observability

Education

B.Tech in Computer Engineering

Savitribai Phule Pune University, Pune

Aug 2019 – Jun 2023

CGPA: 8.56/10

Certifications

- AWS Certified Solutions Architect – Associate
- HashiCorp Certified: Terraform Associate