

RAMESH K

rameshofficial1911@gmail.com | GitHub.com/ramesh-1911 | +91 7448430810

Professional Summary

Entry-level DevOps & Cloud Engineer with strong hands-on experience in AWS infrastructure, CI/CD automation, and containerized deployments. Actively upskilled through an **AWS-DevOps certification program, real-world cloud projects, and architecture simulations**, demonstrating a strong commitment to building a career in cloud engineering. Highly motivated to apply automation, scalability, and reliability principles in enterprise-scale cloud environments.

Technical Skills

- **Cloud Platforms:** AWS (EC2, S3, RDS, IAM, EKS, Route 53, Lambda, Elastic Beanstalk)
 - **DevOps & CI/CD:** Jenkins, Git, GitHub Actions, Docker, Kubernetes, Ansible, Version Control
 - **Infrastructure as Code:** Terraform, AWS CloudFormation
 - **Programming:** Python, Bash
 - **OS & Administration:** Linux (Ubuntu), Basic Linux Administration
 - **Monitoring & Observability:** AWS CloudWatch, **Prometheus, Grafana**, Basic Linux Monitoring
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Certifications & Training

AWS DevOps Engineer Training Program — FITA Academy (Chennai)

- Completed hands-on training in AWS services, CI/CD pipelines, Docker, Kubernetes, Terraform, and DevOps best practices.
 - Gained practical experience in cloud automation, infrastructure provisioning, and deployment pipeline implementation through lab-based exercises and real-world scenarios.
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Projects

AWS DevOps CI/CD Automation Platform

Stack: AWS EC2 | Jenkins | GitHub Webhooks | Maven | Ansible | Tomcat | Prometheus | Grafana

GitHub: <https://github.com/ramesh-1911/aws-devops-ci-cd-project>

- Implemented automated Jenkins Multibranch CI/CD pipeline triggered by GitHub webhooks.

- Built Pipeline-as-Code using Jenkinsfile and deployed Java applications to Tomcat on AWS EC2.
- Automated configuration management using Ansible and integrated monitoring with Prometheus and Grafana.

Git Repository Management & CI/CD Governance Platform

Stack: Git | GitHub | GitHub Actions | YAML | Python | Linux

GitHub: <https://github.com/ramesh-1911/git-devops-portfolio-project>

- Implemented enterprise-grade Git repository governance with protected branches, mandatory pull request approvals, and GitFlow branching strategy.
- Automated CI pipelines using GitHub Actions to validate builds and enforce quality checks before merging into production branches.
- Configured branch rulesets to block direct pushes, enforce up-to-date branches, and ensure secure PR-based merge workflows.

Virtual Experience / Cloud Training

AWS APAC – Solutions Architecture Virtual Experience Program (Forage) January 2026

- Designed a **scalable, cost-efficient AWS architecture using Elastic Beanstalk**, improving application performance and availability.
- Applied AWS best practices and explained architecture and pricing models to stakeholders.

PROFESSIONAL EXPERIENCE (Additional Experience)

Prochant India Pvt Ltd — AR Analyst | Jan 2022 – Sept 2025

- Handled high-volume record processing with strong accuracy and audit compliance.
- Achieved **135% productivity**, recognized as *Best Performer of the Month*.

FOFO Technologies Pvt Ltd — Documentation Specialist | Jun 2021 – Jan 2022

- Created multilingual documentation assets and improved turnaround time by **30%**.

Education

Master of Computer Applications (MCA) – University of Madras(IDE)

CGPA: 8.2 | July 2023 – Present (Expected Graduation: Dec 2025)

Bachelor of Computer Applications (BCA) – St. Joseph's College

CGPA: 7.1 | Sept 2017 – June 2020