

Harshavardhan Reddy Ramapatruni

DevOps & Cloud Engineer | AWS Certified | CI/CD | Automation | Terraform | Docker

Andhra Pradesh

SUMMARY

AWS Certified DevOps Engineer with **3 years of experience** in automating infrastructure, building scalable CI/CD pipelines, and managing cloud-native deployments across AWS, Azure, and GCP. Proven expertise in **Jenkins, Docker, Kubernetes, Ansible, Terraform**, and monitoring stacks like **ELK and Jaeger**. Adept at optimizing cloud resources, enhancing system reliability, and accelerating development cycles in fast-paced, production environments.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (Solutions Architect Certified), E2E Networks, Lambda Labs, Azure, GCP
- **CI/CD & Automation:** Jenkins, GitHub Actions, Ansible, Terraform, BitBucket, Cloud Bees, Spinnaker
- **Containerization:** Docker, PM2, Kubernetes
- **Monitoring & Logging:** ELK Stack, Jaeger, CloudWatch, Dynatrace, Grafana
- **Databases:** MongoDB Atlas, DocumentDB, Redis
- **Programming & Scripting:** Python, Bash, YAML
- **Version Control:** Git, GitHub, BitBucket
- **Web Technologies:** Nginx
- **Project Management:** Jira

WORK EXPERIENCE

DevOps Engineer, Kairos Technologies Private Limited

SEP 2022 - Present

- **Built & optimized Jenkins pipelines** to enable daily deployments (up from bi-weekly), reducing release times by **75%** for Node.js, React, and Python apps.
- **Automated infrastructure provisioning** using **Terraform and Ansible**, ensuring consistent, reliable, and scalable environments across DEV, UAT, and PROD.
- **Integrated Jaeger distributed tracing**, reducing debugging time and boosting developer productivity.
- **Led migration** of legacy systems to **AWS**, reducing operational cost and improving system performance.
- **Developed custom detection scripts** to automate error tracking, **doubling incident detection speed**.
- **Automated static content delivery** using pipelines that uploaded to **S3** and invalidated **CloudFront**, improving web asset deployment time.
- Conducted **cost audits on AWS resources**, implementing autoscaling and instance right-sizing, saving significant cloud spend.
- Resolved incidents quickly by driving **root cause analysis** and implementing preventative measures.
- Managed **MongoDB Atlas** with automation for data cleanup, indexing, and performance monitoring.

KEY PROJECTS

- **Docubaat Web & WhatsApp** – AI-powered document summarizer
Tech Stack: AWS, Docker, Jenkins, MongoDB
- **NextCX** – AI-powered chatbot
Tech Stack: AWS Bedrock, Jaeger, ELK Stack, Python, Route53
- **Western Union Chatbot**
Tech Stack: AWS CloudFront, GitHub, CloudBees, DocumentDB
- **Isha Foundation Chatbot**
Tech Stack: Lambda Labs, Redis, Jenkins, Amazon ECR
- **Itech OCR** – Image extraction pipeline
Tech Stack: AWS S3, E2E Automation, AWS ECS

KEY ACHIEVEMENTS

- Reduced deployment time by **75%** with robust CI/CD automation
- Cut AWS infrastructure costs via optimization strategies
- Improved system uptime and reliability using proactive monitoring

EDUCATION

Bachelor of Technology in Electrical Engineering

GMR Institute of Technology (GMRIT) | Aug 2018 - May 2022

Location: Rajam, Vizianagaram, Andhra Pradesh

CERTIFICATIONS

AWS Certified Solutions Architect – Associate