

HEMANTH KUMAR B R

+91 9738328027 | hemanthhh4680@gmail.com | [Linkedin](#) | Bengaluru - 560 035

PROFESSIONAL SUMMARY

DevOps Engineer / SRE with 5+ years of experience in AWS, Docker, Linux, Kubernetes and CI/CD automation. Skilled in deploying, scaling, and troubleshooting production systems with a strong focus on reliability, incident management, and automation. AWS Certified and passionate about simplifying workflows and improving operational efficiency.

TECHNICAL SKILLS

Scripting & Automation: Python, Bash
Cloud: AWS (EC2, Lambda, S3, IAM)
Networking / Protocols: TCP/IP, DNS, Load Balancers, VPC, Subnets, Routing, Security Groups
Infrastructure as Code: Terraform
Containers & Orchestration: Docker, Kubernetes
Monitoring & Observability: CloudWatch
Incident Management & Alerting Tools: BigPanda, Rootly, ServiceNow.
CI/CD: Jenkins
Operating Systems: Linux (Ubuntu, RHEL)

CERTIFICATION

- AWS Certified Solutions Architect – Associate(2025)

EXPERIENCE

Site Reliability Engineer - 1

Sept 2024 - Current

Yahoo Inc, Bengaluru

- Managed and supported large-scale distributed infrastructure across on-prem and AWS, ensuring reliable execution of production batch workflows.
- Monitored and troubleshot Oozie-based ETL pipelines on large-scale Hadoop clusters, improving stability and on-time execution.
- Automated AWS infrastructure provisioning using Terraform and CloudFormation, standardizing environments and reducing deployment time.
- Built Python/Bash automations to handle ~90% of infrastructure alerts, saving 200+ engineering hours and improving operational efficiency.
- Resolved 50+ P1/P2 incidents using Rootly and PagerDuty, improving MTTR by 35% through automated diagnostics and reusable runbooks.

DevOps Engineer

Oct 2021 - Aug 2024

Cambium Networks Pvt.Ltd , Bengaluru

- Automated PR approvals and unit test execution using Jenkins webhooks, removing manual intervention and accelerating CI pipeline throughput.
- Led the migration of Jenkins build infrastructure from on-prem to ephemeral AWS instances, managing 20+ independent Jenkins slaves, improving scalability and reducing infrastructure costs.
- Owned and maintained AWS infrastructure for 3+ microservices, ensuring high availability, observability, and performance through SRE best practices.
- Deployed and managed infrastructure using AWS CloudFormation and automated configuration management with SaltStack for consistent multi-environment setups.

L and T Technology Services, Bengaluru

- Designed and maintained Jenkins pipelines to automate CI workflows, improving build and test efficiency by 40%.
- Automated hardware testing workflows using Python, reducing manual effort and improving test reliability.
- Provisioned and managed Linux-based environments for development and QA, building strong hands-on systems expertise.
- Collaborated with developers and QA teams to streamline deployments and integrate automation across stages.

PROJECTS

CI Pipeline Automation using Jenkins

Tech Stack: Python, Jenkins, Webhooks, Git, Shell

- Automated pull request approvals and unit test execution, eliminating manual steps.
- Reduced build latency and manual intervention, accelerating development cycles and improving deployment speed by 50%.

Microservice CI/CD Pipeline Setup

Tech Stack: AWS (Lambda, ECS Fargate, CloudFormation), Jenkins, Docker, Python, Shell, Artifactory

- Designed and implemented a complete CI/CD pipeline for a regional microservice, deploying both Lambda functions and containerized services on ECS Fargate.
- Built infrastructure as code using CloudFormation and automated deployments via Jenkins, enabling repeatable, scalable deployments across regions.
- Created custom Docker base images to standardize builds and reduce deployment errors.

AWS Cost Optimization with Parameter Store & Lambda

Tech Stack: AWS Lambda, AWS Systems Manager Parameter Store, Python

- Replaced hardcoded AWS credentials with automated key rotation using Parameter Store and Lambda.
- Improved security, reduced human error, and optimized resource usage, leading to measurable cost savings.

EDUCATION

New Horizon College of Engineering

B.E Electronics and Communications, Bangalore, India

2015 - 2019