

Aarti Kale

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Professional Summary

BCA graduate with hands-on experience in Linux system administration, AWS cloud services, and DevOps practices. Skilled in deployment, automation using Bash scripting, and CI/CD pipelines. Experienced in containerization using Docker and familiar with Kubernetes and Terraform. Strong understanding of networking, system security, and monitoring using CloudWatch. Experienced in cloud deployment, system administration, and DevOps workflows.

Technical Skills

Operating Systems: Linux (CentOS, Ubuntu)
Cloud Platform: AWS (EC2, S3, VPC, IAM, EBS, CloudWatch)
DevOps Tools: Git, GitHub, Docker, CI/CD (GitHub Actions), Kubernetes
Infrastructure as Code: Terraform
Scripting: Bash, Shell Scripting
Web Servers: Apache, Nginx
Networking: TCP/IP, DNS, SSH, Firewall, Port Forwarding
Monitoring: CloudWatch, top, htop, vmstat
Tools: YAML, Cron Jobs, rsync, SCP

Experience

Linux Administrator Intern Sept 2025
Mentors Solution Pvt Ltd – Pune

- Managed Linux servers and AWS EC2 instances in development environment.
- Installed, configured, and maintained Apache and Nginx web servers.
- Implemented SSH key-based authentication and firewall configurations.
- Automated administrative tasks using Bash scripting and cron jobs.
- Configured backup and synchronization using rsync and AWS S3.
- Monitored system performance using CloudWatch, top, htop, and vmstat.
- Troubleshoot networking, DNS, and system-related issues.
- Assisted in troubleshooting system performance and server-related issues.

Projects

AWS Web Hosting on Linux

- Deployed and managed web application on AWS EC2 using Apache server.
- Configured IAM roles, security groups, and network access.
- Implemented monitoring using AWS CloudWatch.
- Configured basic server security and access control.

Docker Container Deployment

- Containerized application using Docker for consistent deployment.
- Built Docker images and managed container lifecycle.
- Deployed application in isolated container environment.
- Managed container execution and basic troubleshooting.

CI/CD Pipeline Setup

- Implemented CI/CD pipeline using GitHub Actions.
- Automated build and deployment process for application updates.

Education

Bachelor of Computer Application (BCA) May 2025
Savitribai Phule Pune University
CGPA: 8.70

Certifications

- AWS Certified Cloud Practitioner
- OCI DevOps Certification
- Red Hat Linux Certification
- CCNA (Networking Fundamentals)