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PROFESSIONAL SUMMARY

AWS Cloud Practitioner (CLF-C02 accredited) with hands-on experience building secure, scalable cloud infrastructure. Skilled in Infrastructure as Code (Terraform), containerized deployments (Docker), IAM security hardening, multi-tier VPC architecture, CI/CD pipelines (GitHub Actions, Jenkins), and serverless architecture on AWS. Proven ability to deliver production-ready solutions using Well-Architected Framework and real-time observability with Prometheus and Grafana.

TECHNICAL SKILLS

Cloud Platforms

AWS — EC2, S3, RDS, IAM, VPC, Route 53, Lambda, SNS, SQS, ELB, Auto Scaling

Programming and Databases

Python, Java, C, C++, PHP, MySQL, MariaDB, PostgreSQL

Monitoring

CloudWatch, Prometheus, Grafana

DevOps and IaC

Terraform, Docker, Ansible, Kubernetes (Basic), Jenkins, GitHub Actions, GitLab, CI/CD

Networking

Subnets, Route Tables, Security Groups, NACLs, NAT Gateway, Internet Gateway

OS and Tools

Linux, Windows, Git, VS Code, Jira

CERTIFICATIONS

[AWS Certified Cloud Practitioner \(CLF-C02\)](#) — Amazon Web Services, 2026

AWS & DevOps Engineer Training — AWS, Linux, Docker, Terraform, Ansible, Kubernetes, Jenkins, GitHub Actions, Prometheus and Grafana

PROJECTS AND WORK EXPERIENCE (Independent Projects | Self-Directed)

[End-to-End DevOps Automation](#) , *Terraform, Ansible, Docker, Prometheus, Grafana*

- Provisioned **AWS EC2** infrastructure using **Terraform** (IaC) and established **security groups** with SSH access policies to enable repeatable, secure deployments across multiple environments, cutting provisioning time by 70%.
- Orchestrated server setup and application delivery using **Ansible** and deployed a **containerized Java Maven** application on EC2, eliminating manual steps and significantly reducing deployment time.
- Built full-stack observability with **Prometheus**, Node Exporter, and cAdvisor; developed **Grafana** dashboards for live system and container metrics, improving incident detection speed.

[Three-Tier Multi-Container Web Application](#) , *Docker, Docker Compose, Nginx, PHP-FPM, MySQL*

- Architected a **containerized** three-tier application (Nginx, PHP-FPM, MySQL) with **service isolation**, mirroring real-world production traffic flows and deployment patterns.
- Defined custom **Docker networks** and **persistent volumes**; orchestrated multi-container deployment with **Docker Compose** to ensure data persistence and reliable inter-service communication.

[Automated Portfolio Deployment](#) , *GitHub Actions, AWS S3, IAM*

- Designed a CI/CD pipeline with **GitHub Actions** that deploys a static portfolio to **AWS S3** on every Git push, delivering production updates within minutes with zero manual effort.
- Secured deployments using **IAM** access keys stored as **GitHub repository secrets** and configured AWS S3 Static Website Hosting for immediate public access.

[Serverless EC2 Snapshot Backup](#) , *AWS Lambda, Event Bridge, SNS, IAM*

- Developed a fully serverless **EBS snapshot** system using **AWS Lambda** triggered by **EventBridge** schedules, and set up **SNS** alerts for real-time backup notifications, preventing the risk of missed backups entirely.

EDUCATION

Master of Computer Applications (MCA), Chandigarh University Online

2025 – 2027 (Expected)

Bachelor of Computer Applications — BCA (Science), Savitribai Phule Pune University

2022 – 2025

CGPA: 8.94/10