

DEEPTHI CHINTHA

ASPIRING DEVOPS ENGINEER



Hyderabad, Telangana



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PROFILE SUMMARY

DevOps Engineer with expertise in AWS, Kubernetes, Terraform, and CI/CD automation. Skilled in building secure, scalable, and cloud-native systems through infrastructure as code (IaC), container orchestration, and automated deployments. Experienced in optimizing delivery pipelines, strengthening monitoring practices, and enforcing compliance to support efficient, reliable, and modern application delivery.

CORE SKILLS AND TECHNOLOGIES

| | |
|----------------------------------|-----------------------------------------------|
| Cloud Platform | AWS , AZURE |
| Infrastructure as Code | Terraform |
| CI/CD & Version Control | Jenkins, GitHub Actions, GitHub |
| Containerization & Orchestration | Docker, Kubernetes (EKS, Multi node clusters) |
| Monitoring & Observability | Prometheus, Grafana, AWS CloudWatch |
| Scanning Purpose | SonarQube, Trivy |
| Build & Artifact Management | Maven, JFrog Artifactory, Nexus |
| Security & Compliance | IAM, RBAC |
| OS | Linux, Windows |

PROJECT AND HANDS ON EXPERIENCE

➤ CLOUD INFRASTRUCTURE AUTOMATION |AWS+TERRAFORM +JENKINS

- ✓ Designed and provisioned AWS resources using reusable Terraform modules.
- ✓ Implemented Jenkins pipelines to automate provisioning and deployment workflows.
- ✓ Applied Standardized environments with Infrastructure as Code, enabling consistent and repeatable setups.

➤ CI/CD PIPELINE FOR MICROSERVICES |JENKINS +DOCKER +KUBERNETES

- ✓ Built CI/CD pipelines to streamline build, test, and deployment processes.
- ✓ Deployed containerized applications to Kubernetes (EKS) using rolling, blue-green, and canary strategies.
- ✓ Integrated SonarQube and JFrog Artifactory to maintain code quality and manage artifacts.

➤ MONITORING & SECURITY ENHANCEMENT |AWS+PROMETHEUS +GRAFANA

- ✓ Configured observability dashboards with Prometheus and Grafana to deliver real-time system visibility.
- ✓ Established CloudWatch alerts to ensure proactive incident response.
- ✓ Strengthened environments with IAM policies, RBAC, and WAF rules for secure operations.

KEY ROLES AND RESPONSIBILITIES

- Having 6 Months Of Experience as a **Devops Intern**.
- Automating **build, test, and deployment pipelines** using Jenkins, GitHub Actions.
- Managing and scaling **containerized applications** using Docker and Kubernetes (EKS).
- Designing and implementing **infrastructure as code** with Terraform .
- Configuring and maintaining **cloud infrastructure** on AWS (compute, networking, storage, IAM, security), AZURE.
- Establishing **monitoring and alerting systems** with Prometheus, Grafana, and CloudWatch.
- Enforcing **security best practices** through IAM roles, RBAC, and WAF configurations.
- Collaborating with developers using **Git branching strategies** for version control and release management.
- Writing and maintaining **automation scripts** in Bash for system administration tasks.

CERTIFICATIONS

- DEVOPS & CLOUD ENGINEERING TRAINING
- Hands on training in AWS, Docker, Kubernetes, Terraform, Jenkins, Git, and Linux.
- Built CI/CD pipelines, automated deployments, and applied IaC using Terraform .
- Deployed containerized applications on Kubernetes (EKS) with monitoring solutions using Prometheus & Grafana.

EDUCATION

Bachelor of Technology in Electronics And Communication Engineering

AIMS COLLEGE OF ENGINEERING(JNTU-K) |MUMMIDIVARAM , ANDHRA PRADESH

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