LAKSHMINARAYANA SENAGAVARAPU

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OBJECTIVE

Results-driven DevOps Engineer with 1+ years of experience in CI/CD, cloud infrastructure, and automation. Skilled in Docker, Kubernetes, Terraform, AWS, and Jenkins, optimizing deployments and system performance. Passionate about streamlining workflows, enhancing reliability, and driving innovation. Seeking a dynamic role to apply DevOps best practices and cloud expertise.

EDUCATION

Bachelor of Technology in Mechanical Engineering
KKR & KSR Institute of Technology and Sciences, Guntur, AP   2025
GPA: 7.3/10

TECHNICAL SKILLS

DevOps and Cloud	AWS (EC2, S3, Load Balancer, Auto-Scaling, CloudWatch, Route53, IAM), Azure
Infrastructure as Code (IaC)	Terraform, Ansible
Containerization and Orchestration	Docker, Kubernetes
CI/CD Tools	Jenkins, GitHub Actions
Monitoring and Logging	Prometheus, Grafana
Version Control	Git, GitHub, Bitbucket
Scripting and Automation	Bash, Shell Scripting, Python, YAML
Web Development	HTML, CSS, JavaScript, Bootstrap, React

PROFESSIONAL EXPERIENCE

GREATCODER TECHNOLOGYS   2025
Role: DevOps Intern Responsibilities:

- Configured Docker containers and created Dockerfiles for different environments.
- Managed GitHub repositories and assisted developers with branching and merging using Git.
- Used Ansible for configuration management and automated WAR/JAR deployments to servers.
- Ran Ansible playbooks on staging servers, ensuring smooth deployment.
- Provided 24×7 support for the non-production environment.
- Configured CI/CD pipelines and automated workflows using Jenkins.
- Maintained AWS resources to ensure system scalability and reliability.

Key Projects:

1. Docker build and publish using Jenkins.
2. Deploying WAR files in Tomcat environments using Ansible.
3. CI/CD Automation using shell scripting.
4. Creating an application server with an application-ready state using Terraform.
5. Managing different environments in Kubernetes.
6. Implementing Auto-Scaling in Kubernetes and AWS.

PROJECTS

CI/CD Automation using Jenkins and Docker

- Built a CI/CD pipeline integrating Jenkins, Docker, and GitHub, reducing deployment time by 40%.
- Automated Docker image creation and container deployment.

Kubernetes Cluster Deployment and Auto-Scaling

- Deployed a scalable Kubernetes cluster, improving application reliability.
- Implemented Auto-Scaling in both Kubernetes and AWS.

Infrastructure Automation with Terraform and Ansible

- Created an application server with an application-ready state using Terraform.
- Managed configurations using Ansible playbooks, enhancing deployment efficiency.

MEAN Stack CRUD App with Dockerized CI/CD Pipeline

- Achieved automated deployment with zero manual intervention post-commit to main.
- Ensured modular and scalable deployment architecture for frontend and backend services.

LANGUAGES KNOWN

English, Telugu, Hindi

CERTIFICATIONS

AWS Educate Introduction to Generative AI   March 08, 2025
Fundamental understanding of generative artificial intelligence (AI), foundation models, and real-world use cases.

AWS Knowledge: Cloud Essentials   March 15, 2025
Comprehensive knowledge of AWS Cloud fundamentals, including Compute, Storage, Networking, Database services, security, architecture, pricing, and support.

The Art of Prompt Engineering   Sep 6, 2023
Explored techniques to craft effective prompts for AI models like ChatGPT, optimizing responses for clarity, accuracy, and relevance. Learned prompt structuring, parameter tuning, and AI model behavior analysis.

SQL and Relational Databases 101   Sep 13, 2023
Gained a solid understanding of SQL queries, relational database design, normalization, indexing, and transactions. Worked with MySQL and PostgreSQL for data management and optimization.