MD MASTAN

DevOps Engineer

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📍 Bangalore, Karnataka, India

PROFESSIONAL SUMMARY

Dedicated and enthusiastic DevOps Engineer with 1.5 years of hands-on experience in Linux system administration and current DevOps practices. Skilled in cloud infrastructure (AWS), CI/CD pipelines, containerization, infrastructure as code (IaC), and automation. Adept at delivering secure, scalable, and highly available solutions in cloud-native environments. Strong foundational experience in education, now fully transitioned into IT.

TECHNICAL SKILLS

- **Cloud & Infrastructure:** AWS (EC2, S3, IAM, VPC, RDS, CloudWatch, Lambda)

- **Operating Systems & Scripting:** Linux (Ubuntu, CentOS), Windows Server, Bash, Python (basic)

- **Infrastructure as Code:** Terraform, CloudFormation

- **Containers & Orchestration:** Docker, Kubernetes

- **CI/CD Tools:** Jenkins, GitHub, SonarQube

- **Version Control:** Git, GitHub

- **Networking:** Subnetting, Routing, Switching, Security Groups, NACLs

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CERTIFICATIONS

- AWS Certified Solutions Architect – Associate

- DevOps Certification

- Linux System Administration

- Microsoft Certified Solutions Associate (MCSA – Windows Server)

- Cisco Certified Network Associate (CCNA)

PROJECT HIGHLIGHTS

CI/CD Pipeline Deployment for Web Application (AWS, Jenkins, Docker, Kubernetes)

- Built a CI/CD pipeline using Jenkins, GitHub, Docker, and Kubernetes (EKS)

- Enabled automated build, test, and zero-downtime deployment

- Integrated SonarQube for static code analysis and security scans

- Implemented rollback strategies and blue-green deployments

3-Tier Web Application Deployment on AWS

- Architected VPC-based 3-tier setup with EC2, ALB, and RDS across multiple AZs

- Automated infrastructure provisioning using Terraform

- Configured Auto Scaling, IAM roles, security policies for resilience and security

WordPress Deployment with LAMP Stack Using Vagrant

- Deployed WordPress on a virtualized LAMP environment

- Automated provisioning and setup using shell scripts

PROFESSIONAL EXPERIENCE

DevOps Engineer Intern
IIHT, Jayanagar, Bangalore
Jan 2025 – Present

- Set up CI/CD pipelines and containerized applications

- Managed AWS services and integrated GitHub with Jenkins

- Monitored infrastructure with CloudWatch

Linux System Administrator
Techpragna E-Learning Pvt. Ltd, Bangalore
July 2023 – Jan 2025

- Managed Linux servers and handled system patching

- Implemented user/group automation and backup scheduling

- Configured firewalls and performed log analysis

Senior Lecturer
HKDET's Polytechnic, Humnabad
Dec 2009 – Mar 2020

- Delivered courses in computer science/IT subjects

- Led online teaching initiatives and curriculum development

EDUCATION

Bachelor of Engineering (BE)
PDA College of Engineering, Gulbarga – VTU, Karnataka
Graduated: 2009

Place: Bangalore

Date: MD MASTAN