JOB DESCRIPTION:

Role: **Senior DevOps Engineer**

**Experience: 8 - 10 years**

**Job Description:**We are looking for a skilled Kubernetes & CI/CD Expert to join our team. The ideal candidate should have deep expertise in Kubernetes, Helm Charts, Docker, Linux, GitHub Actions, and a strong grasp of CI/CD pipelines. This role requires excellent troubleshooting skills, scripting knowledge, and a solid understanding of DevOps principles.  
  
**Key Responsibilities:**  
Design, deploy, and manage Kubernetes clusters and containerized applications.  
Develop and maintain Helm charts for efficient Kubernetes deployments.  
Build and manage CI/CD pipelines using GitHub Actions and other automation tools.  
Troubleshoot and resolve Kubernetes, Docker, and CI/CD pipeline issues.  
Develop automation scripts using Bash, Python, or other scripting languages.  
Ensure the security, scalability, and reliability of the CI/CD process.  
Work with development teams to optimize containerized applications and microservices.  
Monitor, optimize, and enhance system performance and reliability.  
Maintain strong documentation for processes, troubleshooting guides, and best practices.

Mandatory skill set:

• Kubernetes Expertise:  
• Design, deploy, and manage Kubernetes clusters  
• Hands-on with Helm Charts for deployments  
• CI/CD Pipelines:  
• Build & manage pipelines with GitHub Actions (core requirement)  
• Knowledge of automation tools for CI/CD  
• Containerization:  
• Strong experience with Docker and containerized applications  
• Scripting & Automation:  
• Proficiency in Bash, Python, or other scripting languages  
• Automating deployments & troubleshooting  
• Linux Systems:  
• Solid understanding of Linux administration & troubleshooting  
• DevOps Principles:  
• Security, scalability, and reliability in CI/CD workflows  
• Collaboration with dev teams on microservices & container optimization+H13

Good to have skills:

• Monitoring & Optimization:  
• Experience with monitoring tools (Prometheus, Grafana, ELK, etc.)  
• Performance tuning of Kubernetes clusters and CI/CD pipelines  
• Documentation & Knowledge Sharing:  
• Ability to create strong documentation, best practices, and troubleshooting guides  
• Cloud Platforms (if not explicitly required but beneficial):  
• Exposure to AWS/GCP/Azure Kubernetes services (EKS, GKE, AKS)  
• Security Practices:  
• Experience implementing Kubernetes security policies, RBAC, and secrets management

RESUME:

` Mobile:(+91) 9515402594 Narender Tiparthi Email:tipparthi.narender@gmail.com CareerObjective: With over 8 years of experience in the IT industry,experienced Senior Engineer with of relevant in automating cloud infrastructures, optimizing CI/CD pipelines, and managing high-availability systems. Proven track record in deploying scalable solutions in AWS using tools like Terraform, Kubernetes, Docker, Jenkins, and Prometheus. Strong focus on delivering cost- effective solutions for telecom and e-governance platforms, with a commitment to enhancing system uptime, scalability, and security. Professional Summary: Possessing expertise in crafting and executing organizational DevOps strategies across diverse Linux server environments, while seamlessly integrating cloud solutions with Amazon Web Services (AWS). • Proficient in DevOpstools: Git,GitHub,Bitbucket,JFrog,Nexus, SonarQube, Jenkins, Maven, Docker, Kubernetes, Jira, Confluence, Grafana, Terraform, and Ansible . • Expertise in AWS Cloud Administration: EC2, S3, EBS,FSx,VPC, ELB,Amazon Workspace,AWS SystemManager,Secret Manager,Lambda, AMI, SNS, RDS, IAM, Route 53, Auto Scaling, CloudWatch, CloudTrail, CloudFormation, Security Groups. • Experienced in CI/CD methodologies. • Implemented and automated operational tasks using AWS Systems Manager Automation Documents (SSM Documents), improving efficiency and reducing manual intervention in cloud operations • Integrated AWS Secrets Manager to securely store, manage, and rotate application credentials, ensuring compliance and enhanced security in project deployments. • Extensive work with Jenkins, Gitlab and Bamboo for CI and end-to-end automation of builds and deployments. • Created clustersfor load balancing and failover environments. • Experience with monitoring tools: Datadog,Dynatrace,Splunk, Prometheus, Grafana and Amazon CloudWatch. • Launched and configured Amazon EC2 instances (Linux/Ubuntu/RHEL/Windows) forspecific applications. • Managed IAM policiesin AWS,defining groups, creating users, assigning roles, and setting role-based access rules. • AutomatedAWS tasks like snapshot creation using shellscripts. • Installed and customized web servers(Apache) and application servers(Tomcat)for code deployment. • Registered domains and routed internet traffic using AWS Route 53. • Experience in branching, tagging, and version control using Git. • Proficientin Iac tools like Terraform and CloudFormation. • Developed AWS infrastructure templates using Terraform formulti environments. ` • Extensive experience with Maven forsoftware build automation and standardization. • Knowledge of setting up and managing Docker private repositories. • Collaborated with developers and analysts to meet project requirements, effectively managing time, and prioritizing multiple projects. • Professional experience with Docker, preparing Docker and Docker Compose files for development environments. • Created Kubernetes clusters with master and worker nodes for application deployment. • Strong communication, teamwork, and relationship management skills. • Skilled in troubleshooting issues during build, deployment, and production support. Technical Skills: Operating Systems: Powershell,Linux (RedHat), Ubuntu, Windows Cloud Technologies: AWS (VPC, EC2, S3,Cloud Watch, RDS, ELB, Route53, IAM) Scripting languages: Shellscripting, Bash Configuration Management: Ansible Continues Integration Tools: Jenkins, Github Actions , Gitlab and Bamboo Web server Applications: Tomcat Artifactory: S3, Nexus and JFrog Monitoring tools: Grafana, Prometheus, CloudWatch, Dynatrace and Splunk Code quality (Continuous Inspection): SonarQube Version Control Tools: Git,GitHub & Bitbucket Container Services: Docker and Kubernetes Infra as A Code: Terraform & CloudFormation Professional Experience 1: Prathima Group-April 2017 to July-2025 Client :Prathima Infrastructure Limited,Hospitals & Multiplex. Industry : Healthcare and Entertinement. Project Name : IT infrastructure & Support Role : System Administartor Duration : April-2017 to October-2019 Objective: A Sytem Administrator is responsible for managing, maintaining, and ensuring the security and reliability of an organization'sIT infrastructure. They oversee servers, networks, operating systems, and software applicationsto ensure smooth operations and minimize downtime. ` Key responsibilities: • Built and maintained IT infrastructure, ensuring high availability and performance. • Extensive experience with Windows and Linux server administration. • Knowledge ofsetting up and managing user access, authentication, and security policies. • Collaborated with developers and IT teamsto supportsystem requirements and configurations. • Professional experience with networking, configuring firewalls, VPNs, and DNS settings. • Managed cloud environmentslikeAWS forinfrastructure hosting. • Strong communication, teamwork, and problem-solving skillsin IT operations. • Skilled in troubleshooting system issues, performance tuning, and patch management. • Managed a team of IT support staff, conducted system audits, and ensured compliance with security policies. Professional Experience 2: Client :MTN,Ericsson Industry : Telecom service Project Name : Cloud-Based Telecom ServiceOrchestration Role : Devops Engineer Duration : November-2019 to Febrauary-2022 Objective: Designed and implemented a highly available and scalable DevOps pipeline for a telecom service provider to automate service provisioning, improve CI/CD efficiency, and reduce downtime. • Infrastructure as Code (IaC): Used Terraform and AWS CloudFormation to provision AWS infrastructure • CI/CD Implementation: Developed Jenkins and GitHub Actions pipelinesfor automated builds, testing, and deployments of microservices-based applications. • Containerization &Orchestration:Migratedmonolithic applicationstoDocker containers anddeployed them on Kubernetes (EKS) for improved scalability. • Monitoring & Logging: Setup Prometheus,Grafana, and ELKStack (Elasticsearch, Logstash, Kibana) for proactive monitoring, log aggregation, and real-time alerts. • Security & Compliance:Enforced security best practices using IAMroles,AWSWAF, and automated security scans (AWS Inspector, SonarQube). • Shell Scripting & Automation: Developed automation scripts using Shell scripting, Bash tostreamlinedeploymentprocesses,systemmaintenance, and configurationmanagement. Professional Experience 3: Client :Government of Andhra Pradesh,Telangana Industry :Public administration Project Name : E-Governance Citizen Services Platform Role : Senior Engineer Duration : March-2022 to July-2025 ` Objective: Developed an automated deployment pipeline and optimized cloud infrastructure for a citizen service platform handling thousands of government transactions daily. Key Responsibilities • CloudMigration &Infrastructure Automation:Migrated on-premiseapplicationstoAWS (EC2, S3, RDS, PAAS,DynamoDB, API Gateway) with Terraform automation. • MicroservicesArchitecture:Deployedmicroservices-based architecture onAWS Lambda and Kubernetes, enabling independent scaling of different services. • Proficient in designing and maintaining CI/CD pipelines using Jenkins and Atlassian Bamboo to automate build, test, and deployment processes across multiple environments. • Security &Compliance:Implemented AWS IAM,Security Groups,AWS Shield (DDoS protection), and SSL/TLS encryption to comply with government security standards. • Monitoring & Logging:UsedAWS CloudWatch, CloudTrail, and Prometheusforreal-timemonitoring, audit logs, and security tracking. • Developed and optimized Bash scripts to automate routine tasks, streamline deployments, and enhance system monitoring. • Implemented and managed Kubernetes deployments using Helm charts for packaging, versioning, and maintaining application releases. Professional Experience 4: Talentployer Private Limited Client :HBF, Australia Industry : Healthcare Project Name : Civica- Ensure application development and support Role : Cloud Devops Engineer Duration : August-2025 to September-2025 Objective: Worked on Civica Ensure application to support case management and compliance processes, ensuring accurate data handling and streamlined workflow operations. Key Responsibilities • Configured and supported the Civica Ensure application across SUSE Linux and Windows Server environments, ensuring stability and performance. • Experienced in using Jira for project tracking, sprint planning, and issue management, and Confluence for creating and maintaining project documentation and knowledge base. • Automated infrastructure provisioning and application deployments using AWS CloudFormation, Terraform, and AWS SSM Documents. • Implemented CI/CD pipelines with Jenkins and integrated Bitbucket SCM for version control and collaboration. • Hands-on experience in setting up and managing CI/CD pipelines using Atlassian Bamboo for (Infosis) ` automated builds, testing, and deployments. • Managed artifact storage and distribution using JFrog Artifactory, ensuring smooth build and release cycles. • Performed database administration and data validation on Informix DB, supporting application compliance and reporting needs. • Created and maintained Dynatrace dashboards to monitor system health, performance metrics. Education Summary: B.Tech from JBIET (JNTUH)Hyderabad, in 2016.