Vennela c s

Sr Analyst /Software Engineer

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👤 PROFILE SUMMARY

DevOps Engineer with around 3 years of hands-on experience in AWS Cloud, CI/CD pipeline automation, and Infrastructure as Code (IaC). Skilled in streamlining build and deployment processes using Jenkins, Docker, and Kubernetes. Experienced in automating infrastructure provisioning with Terraform and Ansible, ensuring efficient, secure, and reliable cloud environments. Seeking to contribute expertise to a dynamic and growth-oriented organization.

</> TECHNICAL SKILLS

- **Version Control Systems** - Git, GitHub
- **Build Tools** - Maven
- **CI/CD Tools** – Jenkins, AWS CodePipeline
- **Containerization & Orchestration** - Docker, Kubernetes
- **Infrastructure as Code (IAC)** – Terraform, AWS CloudFormation
- **Configuration Management Tools** - Ansible
- **Monitoring & Visualization** - AWS CloudWatch, Prometheus & Grafana
- **Operating Systems** - Linux (Ubuntu)
- **Scripting Language:** Python
- **Cloud Platforms** - AWS (IAM, VPC, EC2, S3, RDS, ELB, Auto Scaling, ECS, ECR, Code Pipeline, Elastic Beanstalk, Route 53)

💼 EXPERIENCE

DevOps Engineer(Sr Analyst)
Capgemini Technology Services India Limited, Bangalore
Project: **HP**(Aug 2023 - Present)
Responsibilities:

- Managed and maintain AWS cloud environments ensuring high availability, scalability and security
- Designed and implemented CI/CD pipelines using Jenkins and AWS CodePipeline for efficient application build, test, and deployment.
- Configured and managed AWS services such as EC2, S3, RDS, VPC, IAM, and Lambda to support scalable and secure infrastructure.
- Created and optimized Dockerfiles for application containerization; scanned images using Trivy for vulnerabilities.
- Deployed and managed Kubernetes clusters, configuring Pods, Deployments, Services, and Ingress Controllers for high availability.

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Analyst/Software Engineer
Capgemini Technology Services India Limited, Bengaluru
Project: **Darden** (Oct 2022 – July 2023)

- Developed and maintained automation scripts for build and deployment processes.
- Built and packaged Java-based applications using Maven and integrated SonarQube for code quality and coverage analysis.
- Integrated OWASP dependency checks to identify and mitigate security vulnerabilities.
- Deployed build artifacts to Nexus Repository for versioned storage and release management.
- Created and optimized Docker images using multi-stage builds; pushed images to Docker Hub after vulnerability scanning.
- Designed and applied Kubernetes YAML manifests for application deployment and resource configuration (Pods, Services, PV/PVC).
- Implemented proactive monitoring with Prometheus and Grafana, ensuring efficient resource utilization and uptime.
- Collaborated with developers and QA teams to resolve deployment issues and streamline release cycles.

🎓 EDUCATIoN

- B. Tech in Computer Science & Engineering |BNM Institute of Technology, Bangalore |8.2 CGPA| 2022
- PUC in PCMB | Sri Vijetha PU College, Chintamani| 91% | 2018
- SSLC | Bharatha Ratna Educational Trust, Chintamani| 90% | 2016

☰ LANGUAGES

English

Kannada

Hindi

Telugu

CERTIFICATIONS:-

1. AWS Cloud Practitioner

2. AWS Associate Solution Architect

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