VENNELA C S

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CAREER OBJECTIVE:

To work as a DevOps Engineer in environment growth for my career which leads to further growth in my professional skills and personal satisfaction by utilising my skills and ability to work for the growth of an organisation.

PROFILE SUMMARY:

- Engineered robust CI/CD pipelines using Jenkins, reducing deployment time by 30% and minimizing manual errors, leading to faster and more reliable releases.
- Automated the end-to-end application deployment lifecycle, from code compilation to production deployment, achieving 99.9% deployment success rate.
- Deployed infrastructure using Terraform, standardizing and automating infrastructure provisioning, resulting in 40% faster deployment times and improved scalability.
- Streamlined infrastructure provisioning with Jenkins pipelines, reducing setup times by 25%.
- Managed and Enhanced AWS services such as IAM, VPC, EC2, S3, RDS, ELB, and
- Auto Scaling Groups to ensure 99.95% uptime and 20% cost savings through resource optimization.
- Implemented S3 bucket versioning and cross-region replication, improving disaster recovery capabilities by 50%.
- Built Docker containers and images, optimizing container builds and reducing image size by 30% using multi-stage builds.
- Orchestrated Kubernetes clusters, leveraging rolling updates, auto-scaling, and load balancing to enhance application performance and reduce downtime by 20%.
- Configured Kubernetes resources (Pods, Deployments, Services, and Ingress), enabling 20% faster application rollouts.
- Deployed monitoring solutions with Prometheus and Grafana, reducing troubleshooting time by 35% and providing real-time performance insights.
- Actively contributed to knowledge-sharing sessions, provided technical guidance to team members, and fostered a culture of innovation in DevOps practices.
- Conducted regular system audits and implemented security best practices, achieving 100% compliance with industry standards and reducing vulnerabilities by 20%.
- Automated repetitive tasks using Ansible, reducing manual interventions by 30% and achieving consistent configuration across all environments.

TECHNICAL SKILLS:

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

Professional Experience:

1. **DevOps Engineer**

   - Project   :   GENX
   - Company   :   Capgemini
   - Duration   :   October 2022 - present
   - Environment   :   AWS Cloud, Git, Jenkins, Docker, Kubernetes, Terraform

2. **Devops Intern**

   - Company   :   Capgemini
   - Duration   `:   March 2022 – May 2022

ROLES & RESPONSIBILITIES:

- Designed and maintained CI/CD pipelines using Jenkins to automate code compilation, testing, and deployment, improving efficiency and reducing manual effort.
- Managed Jenkins jobs for end-to-end application deployment, ensuring seamless integration and delivery of code changes.
- Created and Optimized Docker Files with multi-stage builds, reducing image size and enhancing performance.
- Scanned and secured container images using Snyk, ensuring compliance with security standards.
- Orchestrated Kubernetes clusters to deploy and manage containerized applications, ensuring high availability and scalability.
- Configured Kubernetes resources like Pods, Deployments, Services, Ingress, PV, and PVC, following best practices.
- Established Namespaces to isolate services and environments, improving resource management and security.
- Troubleshot and resolved Kubernetes issues at pod and node levels, achieving 99% application uptime.
- Implemented monitoring with Prometheus and Grafana, enabling real-time performance tracking and data-driven decisions.
- Collaborated with development and operations teams to streamline release cycles and optimize the SDLC.
- Deployed and managed AWS infrastructure (EC2, S3, VPC, ELB, Auto Scaling

Groups) using Terraform, ensuring reliability and cost efficiency.

CERTIFICATION:

- AWS Certified Cloud Practitioner
- Google Cloud Certified - Professional Cloud Developer
- AWS Certified Solution Architect

EDUCATION:

- BNM Institute of Technology (Computer Science and Engineering)

PERSONAL DETAILS:

- Name   :   Vennela c s
- Date of Birth :   24-08-2000
- Gender   :   Female
- Languages   :   English, Kannada, Telugu

DECLARATION:

I hereby declare that the above information is true to the best of my knowledge and belief and request to give me an opportunity to serve in your esteemed organisation.

Vennela cs
Bangalore