Shantanu Vanarase

DevOps Engineer

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Summary

Highly skilled DevOps Engineer with 0.11 years of experience in implementing and managing CI/CD pipelines, cloud computing platforms (AWS, GCP & Azure) and containerization technologies. Proven track record of automating infrastructure provisioning, monitoring systems and implementing DevOps practices to enhance code collaboration and streamline deployment processes. Expertise in DevOps tools such as Jenkins, Docker, Kubernetes, Ansible, Terraform, Git, Github, Prometheus and Grafana.

Skills

Docker · Kubernetes · Git · Github · Jenkins · Prometheus · Grafana · Ansible · Terraform · AWS · GCP · Azure · Ubuntu · Maven · Nginx · Gitlab CI · CI/CD Pipelines · Infrastructure Automation · Monitoring and Logging · Networking and Security · Performance Optimization · Release Management · Trivy · SonarQube · Configureation Management · Linux · Containerisation · SDLC

Education

New Art's College, Pune University   Apr 2020 - 2023, A. Nagar, Maharashtra
Bachelor's Degree

Experience

Hisan Labs Pvt Ltd, Pune   Jan 2024 - Present, Pune, Maharashtra

➢ Integrated **Jenkins** Pipeline with version control systems, artifact repositories and deployment tools. Monitored jobs and optimized build performance. Automated build, test and deployment processes using declarative or scripted pipelines in **Jenkinsfile**.

➢ Built, managed and optimized **Docker** containers for development, testing and production environments. For Docker container written multiple **Dockerfile**.

➢ Orchestrated containerized applications using **Kubernetes**. Ensured container security and compliance with best practices. Wrote **yml file** to Deployed, managed and scaled containerized applications in Kubernetes clusters in **EKS** service of AWS.

➢ Configured and managed K8s resources such as pods, deployments, services and ingresses for microservices. For monitoring, logging and alerting solutions for K8s Clusters used **Prometheus** and **Grafana**.

➢ Wrote several **Ansible Playbooks** for infrastructure automation, configuration management, application deployment, system update, network automation, etc.

➢ Authored many **Terraform** file for built infrastructure on Cloud with multiple block like Module, Data, Resources, Terraform, Provider, etc.

➢ Administered version control systems and repositories. Collaborated with development teams to ensure proper branching, merging and code reviews. Executed branching strategies using **Git** or **GitHub**.

➢ Set up and configured **SonarQube** for code quality analysis and static code analysis. Integrated **SonarQube** with CI/CD pipelines to automate code quality checks. Analyzed code quality metrics, bugs and vulnerabilities.

➢ Administered **IAM** policies and roles for over 15 users, created and managed IAM users, groups and roles to control access to AWS services efficiently.

➢ Configured **EC2** instances for hosting applications and services. Configured instance types, sizes and AMIs based on application requirements.

➢ Configured **VPC** peering and transit gateways for network connectivity between VPCs Configured EBS snapshots for 100% backup and disaster recovery. For objects type of storage stored on **S3 Bucket**. Familiar AWS **RDS** service.

➢ Set up DNS routing policies such as geo location routing, failover routing, etc. to manage the uncertain traffics. For security of web site integrated **SLL Certification** with **ACM**.

➢ Resolved server issues with **Linux** OS, including Networking, Volume Partitions and more for over 25 servers, ensuring high availability and minimizing downtime throughout the **SDLC**.

➢ Experienced in Software Package Management with yum and apt-get, Managed Roles and Permissions of Users and Groups to give secured access. For Security purpose, Configured Security Groups (**Firewalls**), Network Access Control List (**NACL**) and applied **SELinux** policies to secure hosted servers.