**Vandana R**

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**Professional Summary**

DevOps Engineer with around 5 years of experience in building and managing CI/CD pipelines, container orchestration, and cloud infrastructure. Proven expertise in automating deployment workflows using tools such as Jenkins, Docker, Kubernetes, Terraform, and Ansible. Strong understanding of cloud platforms (AWS) and source control systems (Git). Possess a solid foundation in Python scripting for automation tasks and troubleshooting.

**Technical Skills:**

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| --- | --- |
| **Operating systems** | Linux, Windows |
| **Version Control tools** | Git, GitHub |
| **Build Tools** | Maven |
| **Continuous Integration Tools** | Jenkins |
| **Configuration Management Tools** | Ansible |
| **Monitoring tools** | Prometheus, Nagios, Grafana |
| **Cloud Platforms** | AWS |
| **Scripting Languages** | SHELL BASH, python (basic) |
| **Infrastructure as Code** | Terraform |
| **Containerization** | Docker & Kubernetes |

**Professional Experience:**

**Company: LTI Mindtree November 2022 to till date**

**Designation: DevOps Engineer**

**Responsibilities:**

* Ensured timely handling of business-critical incidents by assessing customer impact and incident severity, adhering to agreed response norms.
* Verified compliance with processes during software and server validation for **Greenfield/Brownfield** sites and certificate rotations, ensuring no deviations.
* Build, deploy and support critical, highly secure, and highly available large-scale infrastructure, both in the cloud and on premises data centers.
* Implemented CI/CD pipelines for automated builds, tests and deployments to Kubernetes. Managing container orchestration using Kubernetes and Helm to improve scalability and resource utilization.
* Built and upgraded 100+ sites using CI/CD and Kubernetes.
* Validating server health using ECHO tool and iDRAC. Proficient in troubleshooting pod and cluster related issues within Kubernetes environments.
* Monitored and tracked performance against **SLAs**, ensuring compliance with key service policies over dynamic timelines.
* Facilitated testing activities through regular meetings, chatrooms, and updates in standard work management tools, ensuring adherence to best practices and project timelines.
* Ensured accuracy in Jenkins configuration to avoid issues caused by human errors when setting parameters.
* Executed defined test tasks and validated expected outcomes for releases deployed to instances, ensuring a successful deployment.

**Company: Sridama Business Solutions Private Limited November 2021 to May 2022**

**Designation: DevOps Engineer**

**Responsibilities:**

 Managed source code repositories using Git and GitHub including branching, merging, and resolving conflicts.

 Implemented Git workflows such as GitFlow, feature branching, and release branching to streamline the development process.

 Designed, implemented, and maintained CI/CD pipelines using Jenkins for automated build, test, and deployment processes.

 Configured Jenkins jobs to trigger on code commits and merge requests, ensuring fast feedback for developers.

 Integrated Jenkins with tools such as SonarQube for static code analysis, Docker for containerization, and Ansible/Terraform for infrastructure provisioning.

**Company: Sridama Business Solutions Private Limited November 2021 to May 2022**

**Designation: AWS/ DevOps Engineer**

**Responsibilities:**

* Worked with Amazon Web Services (**AWS**) like **EC2, Elastic Load-balancers, Elastic Container Service (Docker Containers), S3, VPC, Route53, Cloud Watch, IAM.**
* Worked with Amazon Web Services (**AWS**) like **EC2, Elastic Load-balancers, Elastic Container Service (Docker Containers), S3, VPC, Route53, Cloud Watch, IAM.**
* Launching **Amazon EC2 Cloud Instances** using Amazon Web Services (**Linux/ Ubuntu**) and Configuring launched instances with respect to specific applications.
* Creating **S3** buckets and managing policies for **S3 buckets** and Utilized **S3 bucket** and Glacier for storage and backup on **AWS**.
* Installed, configured and managed **Ansible** server and created **playbooks** to various middleware application servers and used **Ansible** to automate repetitive tasks.
* Developed and maintained **Infrastructure as Code (IaC)** using **Terraform** for provisioning cloud resources on **AWS**.
* Wrote reusable and modular Terraform modules to standardize infrastructure components such as **EC2 instances**, **VPCs**, **security groups**, and **load balancers**.
* Developed and maintained **Ansible playbooks** and **roles** for configuration management and application deployment across multiple environments.