MEGHANA R
DevOps/Cloud engineer

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Professional summary

Aspiring DevOps/SRE engineer having hands-on experience in automation, infrastructure management with a strong background in CI/CD pipelines and cloud infrastructure.

Technical Skills

DevOps Tools : Jenkins , Ansible, Kubernetes , Docker, Maven, Jfrog, Terraform,

Visualization Tools: Prometheus, Grafana

Linux: File / User Networking , disk management , patching, admin tasks

Other Skills: Automations

Projects

DevOps Engineer   Bengaluru, India

- **Infrastructure Automation**: Designed and implemented **CI/CD pipelines** using **Jenkins** to automate deployment and provisioning of infrastructure in cloud environments, improving deployment speed by 40%.
- Managed cloud infrastructure on **AWS**, automating provisioning with **Terraform**. Reduced manual configuration errors and increased scalability by 30%.
- Developed automated infrastructure provisioning workflows using **Terraform** and **Ansible**, enabling seamless setup of virtual machines, databases in **AWS** with 70% automated efforts
- Led the integration of **monitoring** and **alerting** tools like **Prometheus**, **Grafana** ensuring high availability and early detection of issues across cloud applications and infrastructure which helped in reduction of 30-50 support tickets.
- Collaborated with **development teams** to optimize the **process**, reducing bottlenecks by automating testing, deployments, and environment provisioning.
- Managed incident response and troubleshooting for production systems, ensuring a **high uptime** of 99% and fast resolution of issues in collaboration with engineering teams, minimizing service interruptions
- Implemented **configuration management** solutions using **Ansible** to automate the provisioning and configuration of infrastructure, reducing manual configuration tasks by 50%.
- Developed and managed **monitoring dashboards** using Grafana and Prometheus, improving visibility into system health and ensuring optimal performance of applications deployed on **AWS**.
- Worked closely with development teams to continuously improve CI/CD pipelines, facilitating smoother releases and addressing bottlenecks by automating infrastructure provisioning and testing.
- Spearheaded the use of cloud automation tools like terraform to ensure consistent infrastructure deployment, aligning with best practices for **infrastructure as Code**.

Education

Jain University   **Aug 2023 – Sep 2024**
Master of Computer Applications   Bengaluru

Nagarjuna College   **Aug 2021 – Sep 2023**
Bachelor of Computer Applications   Bengaluru