

JAI PRAKASH PRAJAPATI

DEVOPS ENGINEER

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SUMMARY

DevOps Engineer with 2.8 years of hands-on experience on automating CI/CD pipelines, managing cloud infrastructure, implementing IaC and Monitoring using New Relic. Expertise in leveraging tools like GitHub Actions, Jenkins, Docker, AWS cloud, Kubernetes and Terraform to enhance operational efficiency, reduce deployment times and improve system reliability.

WORK EXPERIENCE

Senior Analyst (DevOps Engineer), 12/2022 – Current
Capgemini Technology Services – Pune, Maharashtra

Responsibilities:

- Deployed and maintained containerized microservices using **Docker and Kubernetes**, achieving a 99% uptime and reducing infrastructure cost through optimized resource allocation.
- Audited all existing **Jenkins** pipelines, including their stages, steps, triggers, dependencies, and integration and **migrating to GitHub Actions**.
- Architected and implemented a multi-tenant AWS environment utilizing **Terraform**, achieving a 99.99% uptime and enabling Seamless scalability of applications.
- Set up **New Relic** alerts based on **Prometheus metrics**, defining thresholds and notification channels
- Established and maintained **AWS Identity and Management (IAM)** roles, policies, and security groups, mitigating potential breaches and exceeding compliance requirements based on industry audits.
- Implemented **AWS CloudWatch and CloudTrail**, setting up alerts to ensure system performance and reliability.
- Optimizing pipeline performance, such as reducing build times and improving efficiency. Implementing parallel execution and caching mechanisms.
- Maintaining and updating Jenkins pipelines to adapt to changing project requirements. Troubleshooting pipeline failures and resolving issues.
- Created and maintained Docker containers, addressing specific project and team needs for scalability, portability, and consistency.
- Ensured containers are running smoothly, restart them if needed, and perform updates.
- Collaborated with **Developers, QA teams, and system administrators** to ensure seamless delivery and reliability of containerized application.
- Assisted developers in troubleshooting website issues based on log analysis.
- Collaborated directly with clients to troubleshoot and resolve critical issues encountered during sanity testing.

SKILLS

- Containerization:** Docker
- CI/CD:** GitHub Actions, Jenkins
- Cloud:** AWS (EC2, S3, IAM, VPC, CloudFormation, CloudWatch, EKS)
- Version Control:** GIT/GitHub
- Container Orchestration:** Kubernetes
- Other tools:** Terraform, Helm, ELK and Prometheus
- Team Management:** Jira, Confluence,

EDUCATION

Bansal Institute of Science and Technology
BTech
2022
8.0 CGPA

CERTIFICATION

DevOps on AWS Specialization (Coursera)

Capgemini Certified on Docker Practitioner

AWARDS

- Rising Star
- Xtra Mile

LANGUAGES

Hindi
Native
English
Upper Intermediate