

# JAI PRAKASH PRAJAPATI

## DEVOPS ENGINEER

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### SUMMARY

Dedicated DevOps Engineer with 2.6 years of hands-on experience designing, implementing, and maintaining automated systems for software delivery. Expertise in leveraging tools like GitHub Actions, Jenkins, Docker, AWS cloud and Kubernetes 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  
**Project: Ikano Bank**

**Role:**

- 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**.
- Mapped out environment variables, credentials, and secrets used in Jenkins and plan for their secure migration to GitHub Actions secrets.
- 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
- Team Management:** Jira, Confluence, crowd
- Operating System:** Windows, Linux

### 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