Mansi Mohan Khamkar

Mumbai, Maharashtra, India ✉ mansikhamkar1122@gmail.com ☐ 9561607065 in/mansi-khamkar ☉ github.com/mansi-11-02

SUMMARY

DevOps Engineer with hands-on experience in CI/CD pipelines, process optimization, and team collaboration. Skilled in automation and eager to contribute to innovative DevOps solutions.

EXPERIENCE

Product Engineer (Devops)

LTIMindtree   **August 2024 – Present, Mumbai**

- **Redesigned and migrated CI/CD pipelines** from Jenkins and GitLab to GitHub Actions for Java and Python deployments, reducing infrastructure and maintenance costs by **30–50%**, improving deployment speed, and simplifying workflow management.
- **Provisioned scalable infrastructure on GCP using Terraform**, reducing provisioning time by **25%**, and centralized npm and pip package management to streamline dependency tracking and improve version control across environments.
- **Refactored Dockerfiles into multi-stage builds**, implemented MBPL in Jenkins, and automated CAST analysis and image scanning to enhance build efficiency, reduce image size, and ensure security compliance.
- **Built GitHub Actions workflows** for cluster health monitoring and reporting, achieving **99.9% uptime**, and executed patch and full-scale service deployments with zero downtime during AKS upgrades and environment transitions.
- **Led SSL certificate renewals**, created housekeeping scripts for pod cleanup and log preservation, and ensured smooth transitions during service migrations, minimizing operational disruptions and improving system hygiene.
- **Collaborated with clients and development teams** to troubleshoot backend deployment issues, provide support during rollouts, and maintain high service reliability through proactive monitoring and responsive issue resolution.

PROJECT

CI/CD Automation with GitHub Actions and Kubernetes

- Designed and implemented CI/CD pipelines using GitHub Actions for Python, UI, and Java applications, reducing integration time by 40%.
- Automated linting, testing, and code quality checks with SonarQube.
- Deployed microservices to GCP Kubernetes clusters using Helm, Docker, and BuildKit, enhancing deployment efficiency and reliability.
- Configured workflows to trigger on code push events, ensuring continuous integration and consistent code quality across environments.
- Leveraged cloud-native tools to streamline container orchestration, improve release velocity, and support scalable application delivery.

Automated Jira ticket Creation for Dependabot alerts

- Developed a GitHub Actions workflow to automate Jira ticket creation for alerts generated by Dependabot in GitHub repositories, reducing manual ticket creation time by 50%.
- Leveraged Bash scripting alongside Jira and GitHub APIs to extract relevant information and create tickets, ensuring seamless integration and efficient issue tracking.
- Enhanced the efficiency of handling security vulnerabilities and dependency updates.

End-to-End CI/CD Pipeline for Java Web Application

- Implemented a comprehensive CI/CD pipeline using Jenkins, GitHub, Maven, Docker, Amazon ECR, and Kubernetes.
- Automated builds and Dockerized the application, deploying Docker images to a Kubernetes cluster for scalable and reliable updates.
- Integrated webhooks for continuous integration, significantly reducing deployment time and manual intervention while ensuring high availability and scalability.

EDUCATION

Bachelor of Engineering in Electronics and Telecommunication

St. Francis institute of Technology · Mumbai · 2019 · 9.43 CGPA

CERTIFICATIONS

IBM DevOps and Software Engineering

IBM · 2025

- This professional certificate validates the hands-on experience with CI/CD, automation, cloud-native tools, and collaborative development. Strengthens my DevOps foundation and supports my role as a Product Engineer.

SKILLS

Cloud Platforms: Azure, AWS, Google Cloud

CI/CD Tools: Jenkins, GitHub Actions, Ansible

Containerization and Orchestration: Docker, Kubernetes

Infrastructure as Code (IaC): Terraform

Coding: Python, Bash, PowerShell