

MAYUR WAGH

DevOps Engineer

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Summary

Experienced Cloud DevOps Engineer with 2+ years of hands-on expertise in AWS, Kubernetes, and CI/CD automation. Proven ability to drive **cross-functional collaboration**, communicate effectively across teams, and deliver results in **Agile/Scrum environments**. Skilled in designing **scalable and secure cloud infrastructures**, with a strong focus on **automation, monitoring, and infrastructure as code (IaC)**.

Work Experience

Cloud DevOps Engineer

June 2023 – April 2025

GetToHire, Pune

- Engineered high-availability **AWS infrastructure (EC2, S3, RDS, CloudFormation)**, enhancing system reliability by **20%**.
- Collaborated with **cross-functional development teams** in **Agile environments** to build and maintain **CI/CD pipelines**, improving deployment efficiency by **70%** using **Jenkins** and **GitHub Actions**.
- Managed containerized applications on **AWS EKS** with **Kubernetes**, improving resource efficiency and scalability.
- Optimized monitoring using **Prometheus** and **Grafana**, reducing issue detection time by **40%**, and strengthened team workflows through **effective communication** with QA and engineering teams.
- Enhanced cloud security by configuring **AWS IAM roles, Security Groups, and VPC** components to enforce best practices and least-privilege access control.

Projects

EKS-InfraManager [GitHub]

- Automated the deployment of a three-tier application on **AWS EKS** using **Kubernetes** and **Helm**, ensuring high scalability and availability.
- Built and pushed Docker images for the Frontend and Backend, deployed via **Helm** to manage **Kubernetes** resources.
- Integrated **AWS Load Balancer Controller** to handle traffic efficiently, improving application performance.
- Utilized **Prometheus** and **Grafana** for real-time cluster monitoring and performance tracking.
- Implemented **Infrastructure as Code (IaC)** with **Terraform** and **Ansible** for seamless cloud provisioning and deployment automation.

Technologies: **AWS EKS, Kubernetes, Helm, Terraform, Docker, Prometheus, Grafana, AWS Load Balancer Controller**

SecureNode-CI-CD [GitHub]

- Integrated **Node.js** application with a **CI/CD pipeline** using **Jenkins, Docker, and GitHub Actions** for automated builds, testing, and deployment.
- Containerized the application using **Docker** to ensure consistent deployments across environments.
- Implemented security scanning with **OWASP ZAP** and **Trivy** to identify vulnerabilities and enhance application security.
- Enabled real-time monitoring and performance tracking with **Prometheus** and **Grafana**.
- Ensured secure and scalable deployments with a fully automated **CI/CD pipeline**.

Technologies: **Node.js, Jenkins, GitHub Actions, Docker, Prometheus, Grafana, OWASP ZAP, Trivy**

Skills

- Cloud Platforms:** AWS (EC2, S3, RDS, VPC, Lambda, EKS, CloudFormation, IAM, SQS, CloudWatch)
- Containerization & Orchestration:** Docker, Kubernetes (Helm, EKS, ECS), Docker Compose
- Continuous Integration/Continuous Delivery:** Jenkins, GitHub Actions, GitLab CI, Terraform, Ansible
- Monitoring & Logging:** Prometheus, Grafana, CloudWatch, ELK Stack
- Security & Networking:** VPC, IAM, SSL/TLS, WAF, VPN, AWS Security, CloudFront, Firewalls
- Scripting & Automation:** Python, Bash, Shell Scripting, YAML, JSON
- Databases & Query Optimization:** MySQL, PostgreSQL, MongoDB, DynamoDB, RDS
- Version Control & Collaboration: Git, GitHub, GitLab, Cross-functional collaboration, Agile/Scrum practices, Effective communication
- Infrastructure as Code & Backup/DR:** Terraform, CloudFormation, AWS Backup, Snapshots
- Operating Systems & Web Servers:** Linux, Nginx, Apache, Tomcat

Education & Certifications

Bachelor of Engineering (Computer Engineering)

Graduated: July 2023

Sinhagad Institute of Technology, Pune

CGPA: 8.5/10

AWS Certified Solutions Architect – Associate

Eduleem School of IT, Bengaluru

DevOps Training

Besant Technologies, Bengaluru