

Mayur Ravindra Waghmare *Devops Engineer*

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Carrer Objective

DevOps Engineer with expertise in AWS, CI/CD pipeline automation, and Linux system administration. Skilled in deploying scalable cloud solutions, enhancing security, and optimizing performance with monitoring tools like Grafana and Prometheus.

Skills

Cloud Computing

AWS (IAM, S3, Ec2, VPC, Route53, Cloudwatch, EKS, ECS, ECR, Guard Duty, Security Hub and OpenSearch)

Servers Configured

NGINX, HTTP/Apache, Centos, Ubuntu, and Rhel8.

OS Platforms

Linux (Ubuntu, CentOS, and Redhat), Windows

Devops Tools

AWS DevOps, Jenkins, Docker, Kubernetes, Git and GitHub, GitHub Action CICD.

Logs Monitoring Tools

ELK, Grafana (Prometheus, Promtail, Loki, Elasticsearch) AWS Opensearch

Professional Experience

2024/09 – present
Nagpur, India

Devops Engineer at HSM Edifice, Nagpur

- Deployed and managed frontend and backend services on **AWS ECS** using Docker for scalable, resilient infrastructure.
- Built and maintained **CI/CD pipelines** in Jenkins, automating deployments for faster release cycles.
- Set up **CloudWatch** and **Prometheus** monitoring to proactively identify and resolve service issues.
- Secured ECS resources with **AWS IAM roles** and policies, ensuring controlled access and compliance.

2023/09 – 2024/09
Ahmedabad, India

Linux System Administrator at TGC service, Ahmedabad

- Proficient in **Fortigate firewall** administration, ensuring robust network security through **policy** implementation and management.
- Skilled in optimizing system performance and scalability using **AWS** cloud services, including **EC2, S3, IAM** and **VPC**.
- Experienced in securing Ubuntu server environments for **WordPress** hosting, and implementing industry best practices for enhanced security.
- Successfully reduced vulnerabilities in WordPress installations and fortified network security through FortiGate administration.
- Proficient in **Grafana** and **Prometheus** for **monitoring** and visualization, enhancing observability and troubleshooting capabilities within the infrastructure.

2021/01 – 2022/01
Nagpur, India

Linux System Administrator(intern) at Cloudblitz Technologies, Nagpur

- Experienced **Linux System Administrator** with a focus on **AWS** cloud services.
- Proficient in **ongoing monitoring, configuration management, and access control** on AWS.
- Administers user accounts, access control, and permissions while ensuring security compliance.
- Implements and maintains **DNS, DHCP, and FTP** services for seamless communication and data transfer.
- Monitored system performance and optimized AWS resources for **reliability** and **scalability**.

Projects

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|-------------------|---|
| 2024/09 – present | <p>AWS ECS Fargate Deployment with Security and Logging Integration</p> <ul style="list-style-type: none">• Deployed a full-stack application using AWS ECS Fargate.• Configured Application Load Balancer (ALB) with Route 53 for efficient traffic routing.• Implemented AWS WAF and GuardDuty for enhanced application security.• Set up AWS OpenSearch for centralized logging and monitoring.• Streamed CloudWatch Logs to OpenSearch using Kinesis Data Firehose.• Enhanced observability with real-time log analysis and alerting. |
| 2023/10 – 2023/12 | <p>Automated CI/CD Pipeline for React.js Application Using Jenkins, Docker, and Kubernetes</p> <ul style="list-style-type: none">• Developed a CI/CD pipeline using Jenkins on an EC2 Ubuntu server, achieving 100% automation in build, test, and deployment.• Integrated GitHub for source control, increasing deployment frequency by 95%.• Containerized the React.js app with Docker, reducing deployment errors by 90%.• Managed Docker images via DockerHub for efficient version control and streamlined deployments.• Deployed on a Kubernetes cluster, enhancing scalability and availability by 80% and reducing time-to-market by 75%.• Implemented a centralized logging solution for Windows systems with Winlogbeat, Elasticsearch, and Grafana, improving log management and monitoring.• Utilized Grafana to monitor SageMaker instances, setting up alerts for training interruptions and enabling proactive response to system events. |
| 2023/05 – 2023/07 | <p>Automated CI/CD Pipelines for Django Web Application Using AWS, Docker & Jenkins</p> <ul style="list-style-type: none">• CI/CD pipeline Setup: Implemented Jenkins-based CI/CD pipelines for Django on AWS with Docker. Automated build, test, and deployment processes for efficient workflow.• Version Control: Utilized Git/GitHub for version control, ensuring effective code management and collaboration.• Infrastructure as Code (IaC): Employed Docker for containerization, maintaining consistency across environments. Orchestrated AWS infrastructure setup following IaC principles.• Code Quality and Monitoring: Integrated code quality checks and logging with AWS CloudWatch/Docker for enhanced application monitoring and reliability.• Efficient SDLC Management: Coordinated feature delivery and bug fixes across the SDLC, facilitating timely deployments. |

Education

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| 2018 – 2023/04 | B.E Computer Science and Engineering - 7.05CGPA |
| Amravti, India | <i>PR Pote Patil College Of Engineering And Research</i> |

Languages

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| Japanese N5 Certified | English | Hindi |
| Marathi | | |