

AASHISH ANIL

DevOps Engineer | Cloud & MLOps Practitioner

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PROFESSIONAL SUMMARY

Results-driven DevOps Engineer with hands-on production experience in CI/CD automation, cloud infrastructure provisioning, and system observability. Reduced manual deployment effort by 80%+ through pipeline automation and containerization. Proven ability to build self-healing, highly available systems using Docker, Kubernetes, Terraform, and Prometheus. Passionate about MLOps and AI-driven infrastructure automation.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (IAM, EC2, S3, VPC, RDS, ECS, ECR), Linode

CI/CD: Jenkins, GitHub Actions

Infrastructure as Code: Terraform

Containerization & Orchestration: Docker, Kubernetes, Helm

Monitoring & Observability: Prometheus, Grafana, Node Exporter, CloudWatch, CloudTrail

Programming & Scripting: Python, Bash

Databases: MySQL, MongoDB

Version Control: Git, GitHub

Tools & Platforms: n8n, Mailcow, SonarQube, Trivy

Soft Skills: Leadership, Problem-Solving, Communication, Time Management

PROFESSIONAL EXPERIENCE

Junior DevOps Engineer | **McMillan Technologies & Consultancy Services** *March 2025 – Present*

- Designed and implemented CI/CD pipelines using Jenkins and GitHub webhooks, enabling automated deployments and zero-downtime releases across multiple client environments.
- Automated deployment workflows (code pull, build, service restart), reducing manual effort by over 80% and improving release velocity.
- Migrated legacy applications to Docker-based containerized environments, improving scalability, deployment consistency, and rollback reliability.
- Provisioned and managed cloud infrastructure on Linode using Terraform modules, ensuring repeatable and scalable server setups.
- Built monitoring and observability stack with Prometheus, Grafana, and Node Exporter, cutting incident detection time and improving system visibility.
- Developed automated incident response system using n8n and Jenkins: health checks every 3 minutes, Telegram alerts, and automatic service restarts on HTTP 500+ failures.
- Deployed and managed Mailcow-based mail server infrastructure for organizational email services.

WordPress Developer | **Copious Infotech** *January 2024 – February 2025*

- Designed, developed, and maintained WordPress websites for multiple clients, ensuring performance, responsiveness, and cross-browser compatibility.
- Managed theme customization, plugin configuration, and content updates, delivering projects on time to client specifications.
- Strengthened skills in version control, deployment workflows, and web development best practices.

Flutter Developer Intern | **Maverixpro Technology** *July 2023 – January 2024*

- Built mobile UI components and gained hands-on experience with the application development lifecycle and version control practices.

KEY PROJECTS

Monitoring & Self-Healing Infrastructure System

- Implemented observability stack using Prometheus, Grafana, and Node Exporter for real-time system metrics and dashboards.
- Automated incident response using n8n and Jenkins: 3-minute health checks, Telegram alerting, and auto-restart on service failure.

CI/CD & DevOps Automation Platform

- Designed end-to-end CI/CD pipelines with Jenkins and GitHub webhooks for zero-downtime automated deployments across multiple client servers.
- Integrated Docker-based deployment pipelines, reducing manual deployment effort by 80%+ and improving release reliability.

Cloud Infrastructure Automation — Terraform + AWS / Linode

- Built reusable Terraform modules to provision VPCs, EC2 instances, load balancers, and auto-scaling groups.
- Standardized infrastructure across environments, reducing configuration errors by 25% and ensuring high availability.

MLOps Pipeline — GlauDec (AI Glaucoma Detection)

- Built and containerized a Python-based ML pipeline for glaucoma detection using fundus images.
- Implemented CI/CD with GitHub Actions to automate model build, test, and deployment; published versioned Docker images to Docker Hub.

DevSecOps Pipeline — BoardGame Application

- Built secure CI/CD pipeline in Jenkins for a Java Maven application with integrated SonarQube (code quality) and Trivy (vulnerability scanning).
- Deployed application using Kubernetes Helm charts, improving deployment efficiency by 40%.

CERTIFICATIONS

- **Jenkins** — KodeKloud *(September 2024)*
- **Docker and Kubernetes Masterclass** — Udemy *(March 2024)*
- **Flutter Developer** — MaverixPro Ltd *(January 2024)*
- **Flutter UI Bootcamp — Build Beautiful Apps using Flutter** — Udemy *(2023)*

EDUCATION

Bachelor of Technology in Computer Science 2019 – 2023

St. Thomas College of Engineering and Technology