

# AASHISH ANIL

## Cloud and DevOps Engineer

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### Summary

A motivated Cloud and DevOps enthusiast seeking a challenging entry-level role in a tech-driven organization. Skilled in leveraging DevOps best practices, including containerization, CI/CD automation, and infrastructure provisioning, alongside foundational expertise in AWS cloud services. Eager to contribute to innovative projects and drive operational efficiency while expanding professional capabilities.

### Skills

- **Cloud:** AWS (IAM, EC2, S3, VPC, RDS, ECS, ECR)
- **CI/CD:** Jenkins, Github Action
- **Infrastructure Provisioning tool (IaC):** Terraform
- **Version Control:** Git, GitHub
- **Containerization:** Docker
- **Configuration & Scripting:** Python, Bash scripting
- **Orchestration Tools:** Kubernetes
- **Monitoring & Logging:** CloudWatch, CloudTrail
- **Programming:** Python, Bash, C, Dart
- **Database:** MySQL, MongoDB
- **Soft Skills:** Leadership, Problem-Solving, Communication, Time Management

### Projects

- **BoardGame Pipeline with Jenkins**
  - Designed and implemented **Jenkins** pipelines for building, testing, scanning, and deploying a Java Maven application, reducing deployment time by **30%**.
  - Incorporated SonarQube and Trivy scans into pipelines for static code analysis and vulnerability management, ensuring **95% defect-free code** before deployment.
  - Created and deployed Kubernetes **Helm charts** to simplify and automate application deployment, decreasing manual configuration efforts by **40%**.
  - Streamlined Docker image build, scan, and publish workflows, improving deployment consistency across **3 environments**.
- **AWS Infrastructure Automation with Terraform**
  - Developed reusable **Terraform modules** to automate the provisioning of **VPC, subnets, security groups**, and **auto-scaling** configurations, reducing infrastructure setup time by **50%**.
  - Configured **EC2 instances, load balancers, auto-scaling groups**, and defined **security groups** for secure access control and high availability, achieving **99.9% uptime**.
  - Used **Terraform modules** to standardize resource provisioning, leading to a **25% reduction in errors across deployments**.
- **GlauDec**
  - This Python project centers around the detection of glaucoma through the analysis of fundus Images.
  - Built a **Dockerfile** to containerize the project, ensuring consistent deployment across environments.
  - **GitHub Actions** to automate testing, building, and validation of Docker images, and published pre-built images to **Docker Hub** with proper version control.
  - Automated build and deployment pipelines for scalable and cloud-ready deployment.

## **Course Completion & Certifications**

- Jenkins - KodeKloud Issued: September 2024
- Docker and Kubernetes Masterclass - Udemy Issued: March 2024
- Flutter Developer - MaverixPro Ltd Issued: January 2024
- Flutter UI Bootcamp | Build Beautiful Apps using Flutter - Udemy

## **Experience**

Copious Infotech - Associate web Developer January 2024 - Present

Maverixpro Technology - Flutter Intern July 2023 - January 2024

## **Education**

Bachelor of Technology in Computer Science | 2019 - 2023

St. Thomas College of Engineering and Technology

## **Declaration**

I declare that the information provided above is true to the best of my knowledge and belief.