

# Yasin Gole

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📍 London

🌐 <https://github.com/yasingole>

## 👤 Profile

A committed professional with a deep interest in the Cloud Computing industry. Proficient in AWS and experienced in designing and implementing cloud-based solutions. Adept in Linux and Python, with a solid understanding of cloud architecture and best practices. Committed to continuous learning and staying up-to-date with industry trends. Seeking an opportunity to contribute to the growth and success of a company.

## 🎓 Education and Certificates

**University of Surrey, Biomedical Sciences**

- Grade: 1st Class (2017-2020)

**AWS Cloud Practitioner**

**Terraform Associate (003)**

## 🧠 Skills

**AWS** (EC2, IAM, VPC, Cloudfront, Lambda, S3, Route53, ECS, ECR, ACM)

**Terraform** | **Git** | **CI/CD with GitHub Actions**

**Python** | **Linux**

## 📁 Projects

**AWS Infrastructure Deployment and CI/CD Integration with Terraform and GitHub Actions,**

*Tech Stack: AWS, Terraform, GitHub Actions, Git, CI/CD*

- Automated AWS Infrastructure Deployment for three different production environments with Terraform and GitHub Actions for a Nginx Web App
- Developed custom, reusable modules for VPC and Web App to ensure consistency and reduce redundancy across environments, following DRY principles
- Incorporated industry best practices for security and network design to orchestrate the provisioning of VPCs, subnets, instances, ALBs, and other AWS resources
- Created dedicated workflows for each production environment, triggering deployment pipelines on pushes and pulls to the master branch, ensuring seamless automated infrastructure updates
- Established robust CI/CD pipelines using GitHub Actions for automated testing and deployments, with a focus on secure and flexible credential management through environment variables, eliminating hardcoded credentials
- Adhered to best practices for version control and Git, maintaining a transparent code history within GitHub repositories

**Deployed An AWS Dockerised Node.js App With Terraform,**

*Tech Stack: ECS, ECR, IAM, Terraform, Docker, Node.js*

- Deployed a scalable and highly available Node.js application using AWS services and Docker containers. Utilized Terraform to automate the infrastructure provisioning and management.
- Created an Amazon Elastic Container Repository (ECR) to store the Docker container images for the Node.js application
- Utilised Amazon Elastic Container Service (ECS) with Fargate launch type to manage and deploy the Docker containers
- Established a VPC, subnets, and internet connectivity to enable seamless communication between the application and AWS services
- Configured task definitions to specify the container's resources, networking, and essential properties
- Used Terraform remote state storage with S3 and DynamoDB to maintain infrastructure state and prevent conflicts during collaborative deployments

## 👨‍💼 Professional Experience

**Associate Practitioner for AppleTV (Feb 2021-Present), London Medical Laboratories**

- Oversaw the processing of COVID-19 samples for the film production team across various locations in England, within a mobile laboratory
- Liaised with the production team to organise workloads
- Kept track of laboratory stock and logistics, arranging for stock deliveries and maintenance repairs