

Yasin Gole

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📍 London

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👤 Profile

A dedicated professional with a deep interest in the Cloud Computing and DevOps 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 CI/CD pipelines. 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 production environments with Terraform and GitHub Actions for an Nginx Web App
- Developed custom modules for VPC and Web App for consistency and reduced redundancy
- Incorporated security and network best practices for provisioning VPCs, subnets, instances, ALBs, and other AWS resources
- Created dedicated workflows for each environment to trigger automated updates
- Established CI/CD pipelines using GitHub Actions with secure credential management through environment variables and followed version control best practices for transparent code history in GitHub repositories

Deployed An AWS Dockerised Node.js App With Terraform, *Tech Stack: ECS, ECR, IAM, Terraform, Docker, Node.js*

- Deployed a scalable Node.js app on AWS with Docker containers and Terraform for infrastructure automation
- Set up an Amazon Elastic Container Repository (ECR) to store Docker images and leveraged Amazon Elastic Container Service (ECS) with Fargate to manage and deploy containers
- Established VPC, subnets, and internet connectivity for smooth AWS service integration
- Configured task definitions for container resource, networking, and property specifications
- Ensured collaborative deployment with Terraform remote state storage using S3 and DynamoDB, preventing conflicts

Cloud Based Portfolio,

Tech Stack: AWS, S3, Route53, ACM, CloudFront, IAM, Lambda, CI/CD GitHub Actions, Python, JavaScript, HTML, CSS

- Designed the frontend using JavaScript, HTML, and CSS for an engaging user interface
- Leveraged Terraform for Infrastructure as Code (IaC) to deploy AWS services, forming a robust backend
- Prioritised security by implementing best practices for credentials management and access control of website files by S3 Bucket policies
- Established a CI/CD pipeline for automated updates of both frontend and backend, ensuring seamless content management
- Orchestrated the networking aspects of the project, including domain name management, DNS configuration, and SSL certificate integration

👜 Professional Experience

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

- Managed COVID-19 sample processing for a film production team across multiple locations in England, overseeing inventory and logistics
- Collaborated closely with the production team to efficiently plan workloads
- Demonstrated proficiency in managing laboratory stock and logistics, while also taking the lead in onboarding and training of new staff members
- Oversaw comprehensive sample processing from reception to Real-Time PCR processing, ensuring a seamless workflow with colleagues at each stage