Amal K Biju

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SUMMARY

DevOps / Cloud Engineer seeking roles, with hands-on AWS, Terraform and Docker experience. During internships I automated Jenkins deployments and backups with Terraform and Docker, and implemented centralized logging and alerts using CloudWatch and SNS to improve reliability. Fast learner with a continuous-improvement mindset, eager to deliver scalable CI/CD and cloud infrastructure solutions.

EXPERIENCE

DevOps Engineer   Present
- Implemented CI/CD pipelines using Jenkins and GitHub Actions to automate build and deployment, reducing manual release steps and accelerating delivery cadence.
- Automated infrastructure provisioning with Terraform and deployed services to AWS, improving environment consistency and lowering setup time.

Network & Security Intern
- During my internship as a **Network Security Trainee**, I worked hands-on with **Aruba networking equipment** and enterprise-grade configurations.
- I gained practical experience in **switch firmware upgrades**, **VLAN and routing setup**, **VSX high-availability configuration**, and **network security management**.

SKILLS

Cloud   IAM Roles & Policies, AWS S3, AWS Lambda, Amazon CloudWatch, AWS Cloud Trail
DevOps   Terraform, Docker, GIT, AWS, Kubernetes, Jenkins
Tools   Linux, Shell Scripting, Networking

PROJECTS

Serverless Image Resizer
- Built a serverless image-resizing service to auto-process S3 uploads using AWS Lambda, S3 events and IAM policies — enabled scalable, cost-efficient image handling with high availability.

WordPress on AWS LightSail
- Deployed and secured a cost-effective WordPress site on AWS LightSail (DNS, static IP, firewall, SSH keys) with basic performance tuning to support reliable public access.

CI/CD Pipeline for Web App using GitHub Actions and Docker
- Implemented a CI/CD pipeline with GitHub Actions and Docker to automate build, test, and deployment to a container registry, improving release reliability and deployment speed.

S3 Static Website Hosting with Terraform
- Provisioned and deployed a static website using Amazon S3 with Terraform for infrastructure-as-code, plus CloudFront and S3 policies for improved security and performance.

Spotify Playlist Automation with Terraform
- Automated Spotify playlist creation and management using the Spotify API and Terraform providers to define playlist configurations as code, enabling reproducible playlist provisioning.

EDUCATION

BCA, Computer Applications in Computer Applications, Kannur University   Aug '21 — Mar '24

DevOps, Beasant Technologies   Jul '24 — Feb '25
                                                                                                                        Bengaluru

CERTIFICATIONS

AWS Certified Cloud Practitioner, AWS

AWS Certified SysOps Administrator — Associate, AWS