Anandha Krishnan
DevOps Engineer (Fresher)
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Objective

Motivated DevOps engineer with hands-on experience in AWS cloud deployment, Linux system administration, and automation practices. Skilled in setting up secure, scalable, and production-ready infrastructure. Seeking an opportunity to apply DevOps best practices and grow as a cloud and infrastructure engineer.

Technical Skills

- **Cloud Platforms:** AWS (EC2, VPC, Route 53, ELB, IAM, Auto Scaling, ACM)
- **Containerization:** Docker, Docker Compose, Docker Registry
- **Infrastructure as Code:** Terraform (basic project experience)
- **Configuration Management:** Ansible (basic)
- **CI/CD:** GitLab CI, Github Actions
- **Scripting Languages:** Python (basic), Bash
- **Web Servers:** Nginx, Apache
- **Operating Systems:** Linux (Ubuntu, CentOS)
- **Databases:** MySQL, PostgreSQL
- **Version Control:** Git

Experience

DevOps Intern

Sudoskills IT Finishing School (June 2024 - Present)

- Managed Linux system administration tasks including file system navigation, user/group management, package management, and storage solutions using LVM.
- Automated Django application deployment using Ansible with Nginx and Gunicorn integration.
- Built and deployed scalable web application infrastructure using Terraform on AWS.
- Configured CI/CD pipelines for controlled application deployment using GitLab CI.
- Deployed and managed Docker containers and Docker Compose setups.

Projects

AWS Production Environment Setup for High-Availability Web Application

- Designed and deployed a secure, scalable cloud infrastructure following AWS best practices.
- Implemented VPCs with public and private subnets, route tables, and NAT gateways.
- Configured EC2 instances for web, application, and database layers across multiple availability zones.
- Integrated Elastic Load Balancer (ELB) for load distribution and Auto Scaling Groups for fault tolerance.
- Secured public endpoints using SSL/TLS certificates via AWS Certificate Manager (ACM).
- Outcome: Delivered a highly available, secure environment providing reliable application performance.

Education

- Bachelor of Computer Applications (BCA) - IGNOU (Enrolled)
- Higher Secondary Education (Commerce) - GHSS Perumbalam (2018 - 2020)

Languages

- English
- Malayalam

Personal Details

- Date of Birth: 03/03/2001