

Anandha Krishnan

DevOps Engineer

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PROFESSIONAL SUMMARY

Motivated DevOps Engineer with hands-on experience in AWS cloud infrastructure, Linux system administration, CI/CD automation, and containerized application deployment. Skilled in building secure, scalable, and production-ready environments using modern DevOps practices. Seeking an entry-level DevOps or Cloud Engineer role to contribute to infrastructure automation and continuous delivery.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, VPC, Route 53, ELB, IAM, Auto Scaling, ACM)

DevOps & Automation: Docker, Docker Compose, Terraform (Basic), Ansible (Basic)

CI/CD: GitHub Actions, GitLab CI/CD

Operating Systems: Linux (Ubuntu, CentOS)

Web Servers: Nginx, Apache

Scripting: Bash, Python (Basic)

Databases: MySQL, PostgreSQL

Version Control: Git

EXPERIENCE

DevOps Intern *June 2024 – Present*

Sudoskills IT Finishing School

- Administered Linux systems including user management, storage configuration, and package management.
- Automated deployment of Django applications using Ansible, orchestrating Nginx and Gunicorn configurations.
- Engineered AWS infrastructure using Terraform, following Infrastructure as Code (IaC) practices.
- Designed and implemented CI/CD pipelines using GitLab CI for automated deployments.
- Orchestrated containerized application deployments using Docker and Docker Compose.
- Assisted in designing and configuring scalable and secure AWS cloud environments.

PROJECTS

AWS Production Environment Setup for High-Availability Web Application

- Engineered secure AWS infrastructure following industry best practices.
- Designed VPC architecture with public and private subnets, routing tables, and a NAT Gateway.
- Configured EC2 instances across web, application, and database tiers.
- Implemented an Elastic Load Balancer (ELB) for optimized traffic distribution across instances.
- Automated scaling policies via Auto Scaling Groups to ensure high availability and fault tolerance.
- Secured applications using SSL/TLS certificates provisioned through AWS Certificate Manager (ACM).
- Delivered a highly scalable and production-ready cloud infrastructure.

EDUCATION

Bachelor of Computer Applications (BCA) *Present*

Indira Gandhi National Open University (IGNOU)

Higher Secondary Certificate – Commerce *2018 – 2020*

GHSS Perumbalam

ADDITIONAL INFORMATION

Languages: English, Malayalam

Date of Birth: 3 March 2001