

Anandha Krishnan

DevOps Engineer

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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
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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.
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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.
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Education

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

- English
 - Malayalam
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Personal Details

- Date of Birth: 03/03/2001