

# NIKKI GOYAL – DevOps Engineer Intern

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## PROFILE SUMMARY

Seeking an **entry-level DevOps Engineer** role to leverage hands-on internship experience and academic projects in **AWS, Terraform, Docker**, and **CI/CD automation**. Skilled at **automating infrastructure provisioning, containerizing applications**, and **deploying on cloud** platforms to improve efficiency, scalability, and reliability.

## KEY SKILLS

**Cloud Infrastructure Deployment & Automation** | **Infrastructure as Code (IaC) Implementation** | **Continuous Integration & Continuous Delivery (CI/CD)** | **Containerization & Orchestration Basics** | **Cloud Security & Access Management** | **Application Monitoring & Logging** | **Linux Server Administration & Scripting**

## TOOLS & TECHNOLOGIES

**Version Control:** Git, GitHub | **Databases:** MySQL (Basic) | **Web Servers:** Apache, Nginx | **Monitoring:** AWS CloudWatch, SNS | **AWS Cloud Services:** EC2, S3, IAM, CloudWatch, VPC, SNS, Lambda | **Infrastructure as Code:** Terraform, CloudFormation | **Containerization & Orchestration:** Docker, Kubernetes (Basics) | **CI/CD Tools:** GitHub Actions, Jenkins | **Operating Systems:** RHEL Linux, Ubuntu, CentOS | **Scripting:** Shell Scripting (Bash) | **Networking:** IP, Security Groups, DNS, Load Balancing

## PROJECTS

- **Dockerized Node.js Web App Deployment on AWS EC2** – Built and containerized a Node.js web app, automated build and deployment via GitHub Actions, eliminating manual deployment effort.
- **Jenkins CI/CD Pipeline for Application Deployment** – Configured a Jenkins pipeline to build, test, and deploy an application from GitHub, integrating Docker for containerization and automated push to Docker Hub, reducing deployment time by 90%.
- **Portfolio Website Hosting on GitHub Pages** – Designed and hosted a personal portfolio website with automated updates through GitHub workflows, enhancing online presence.
- **AWS S3 Static Website Hosting with Terraform** – Provisioned and deployed a static website on AWS S3 with CloudFront using Terraform, enabling global access with HTTPS.

## PROFESSIONAL EXPERIENCE

### AWS DevOps Intern | TechEazy Consulting

**REMOTE | Jun 2025 – Jul 2025**

- Implemented an end-to-end CI/CD pipeline using GitHub Actions to deploy applications to AWS EC2 on every code push, eliminating manual deployments and reducing release time by 100%.
- Automated AWS infrastructure provisioning (VPC, EC2, S3, IAM roles, security groups) with modular Terraform code, cutting setup time by 80% and ensuring repeatable, consistent environments.
- Containerized backend services using Docker and deployed on AWS ECS Fargate with Terraform-managed infrastructure, achieving zero-downtime rollouts and reducing deployment errors by 95%.
- Configured AWS CloudWatch log groups, metric filters, and SNS alerts for EC2 applications, improving incident detection speed by 50% and preventing downtime by 40%.
- Optimized security by attaching least-privilege IAM instance profiles and enforcing role-based access to AWS resources.

## EDUCATION

Bachelor of Computer Application (BCA) | Kumaun University, Nainital

**Jul 2019 – Oct 2022 | 80.4%**

## CERTIFICATIONS

- AWS Certified Cloud Practitioner.
- Linux Fundamental.