Wahaj Ahmed Ansari

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# Summary

DevOps Engineer with hands-on experience automating CI/CD pipelines, managing IaC with Terraform and Ansible, and deploying cloud-native apps on AWS and Kubernetes. Reduced deployment times by up to 40% and improved uptime to 99.9% through robust automation, monitoring, and infrastructure design.

# Experience

**DevOps Intern**, Al-Nafi – Online

Oct 2024 - Dec 2024

* Built a multi-tier banking app on AWS using EKS and Docker, designed for high availability (achieved 99.9% uptime) and automated end-to-end deployment using Jenkins and Terraform.
* Provisioned and managed AWS infrastructure (EC2, S3, VPC) using CloudFormation templates.

**DevOps Bootcamp** , Trainwithshubham – Online

Jan 2025 - April 2025

* Automated CI/CD pipelines for 5+ projects, reducing deployment time by 40% and eliminating manual errors.
* Engineered infrastructure as code solutions using Terraform and Ansible, resulting in 60% faster environment provisioning
* Implemented containerization strategy using Docker and Kubernetes, improving application scalability by 35%
* Developed monitoring dashboards with Prometheus and Grafana, increasing system visibility and reducing MTTR by 25%.

# Projects

## DevSecOps Banking Application on AWS

## [Github](https://github.com/wahajahmad-cyber/DevOps-mega-project-Banking-App)

* Integrated OWASP ZAP and Trivy into CI/CD pipelines, reducing vulnerabilities by 75%.
* Engineered a secure, multi-tier banking application on AWS EC2, leveraging EKS (Kubernetes) and Docker, achieving 99.9% uptime.
* Automated infrastructure and deployment with Jenkins, Terraform, and Grafana, reducing manual effort by over 85%.

## Multi-Environment Infrastructure as Code (IaC)

## [Github](https://github.com/wahajahmad-cyber/multi-env-lAC-project)

* Developed a scalable, multi-environment AWS infrastructure (Dev/Staging/Production) using Terraform and Ansible, supporting 3 concurrent application versions.
* Reduced environment provisioning time from 1 day to under 2 hours with full automation.

## EasyShop: Full-Stack E-commerce (CI/CD, Kubernetes)

## [Github](https://github.com/wahajahmad-cyber/tws-e-commerce-app)

* Built EasyShop, a production-ready e-commerce site with real-time cart updates and JWT authentication, scaling seamlessly to 100+ concurrent users and enhancing user experience by 40%.
* Implemented CI/CD pipelines using Jenkins and GitHub webhooks, reducing the deployment time by 70% and enabling automated testing and delivery to AWS EKS via Argo CD.
* Provisioned cloud infrastructure using Terraform, automating the setup of 3-tier architecture, including VPCs, EC2 and EKS clusters, improving infrastructure provisioning time by 80%.

# Skills

**Infrastructure & Cloud:** AWS (EC2, EKS, S3, CodePipeline, IAM), Terraform, Ansible

**Containerization & Orchestration:** Docker, Kubernetes, Argo CD

**CI/CD & Automation:** Jenkins, GitHub Actions, AWS CodePipeline, Shell Scripting

**Security & Compliance:** OWASP ZAP, Trivy, AWS Security Groups, HashiCorp Vault, SonarQube

**Monitoring & Observability:** Prometheus, Grafana, ELK Stack

**Version Control:** Git (GitHub, GitLab)

**Programming:** Python, Bash, YAML

**Operating Systems:** Linux (Ubuntu, RHEL)

**Education**

**Al-Nafi**, Diploma in AiOps (Eduqual RQF Level 6)

Oct 2023 – Present

**The Smart College**, Higher Secondary Certificate (Intermediate) in Computer Science

Aug 2021- Aug 2023