Wahaj Ahmed Ansari

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Summary

Aspiring DevOps Engineer passionate about cloud-native technologies and automation. Skilled in Docker, Kubernetes, Terraform, and AWS with hands-on project experience in CI/CD pipelines and Infrastructure as Code. Excited to apply DevOps practices that improve speed, reliability, and scalability in modern software delivery.

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

- 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

- 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

- 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