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Objective

Aspiring DevOps Engineer seeking an internship to apply foundational knowledge of infrastructure automation in a real-world environment. Skilled in working with Linux systems, CI/CD pipelines, Docker, Vagrant, and Ansible. Passionate about learning by doing, contributing to collaborative teams, and growing through hands-on experience in modern DevOps practices.

Skills

Operating Systems & Scripting

- **Linux (Proficient):** File systems, services, permissions, process management
- **Bash (Intermediate):** Scripting for automation and system tasks
- **YAML:** Configuration for Ansible, Docker Compose

Virtualization

- **VirtualBox, VMware, Vagrant:** Local development and VM provisioning

Containers & Orchestration

- **Docker:** Dockerfiles, Docker Compose, Docker Swarm
- **Kubernetes (Basic)**

CI/CD & Automation

- **Jenkins:** Declarative pipeline creation, GitHub integration, automated testing
- **Ansible:** Playbooks, inventory, configuration management

Monitoring & Observability

- **SonarQube:** Code quality and security scanning

Version Control & Build Tools

- **Git, GitHub:** Version control, branching strategy, CI integration

Web & Hosting Technologies

- **HTML, CSS, JavaScript**
- **Node.js:** API and server setup
- **WordPress Deployment**

Databases

- **MongoDB (Basic), SQL:** CRUD operations

Education

Bachelor of Engineering in Information Technology (BEIT)
Cosmos College of Management and Technology

High School
Einstein xavier college

Projects

1. CI/CD Pipeline for Air Quality Monitoring App (Docker & Jenkins)

- Developed and deployed an end-to-end CI/CD pipeline for a Django-based air quality monitoring app.
- Integrated Jenkins with GitHub Webhooks to trigger builds automatically on code commits.
- Created and optimized Jenkinsfiles for linting, testing, and deployment stages.
- Implemented Dockerfile and multi-stage Dockerfile for efficient container builds.
- Stored Docker images on DockerHub and pulled them during deployment.
- Configured Jenkins agent nodes to run build and deployment jobs.

Tools & Technologies:

Python (Django), MySQL, NGINX, Git, GitHub, GitHub Webhooks, Jenkins, Docker, Docker Compose, DockerHub, Linux , Bash, Jenkins

2. Virtual Environment Automation with Vagrant

- Test environment setup for DevOps practice and network simulation
- Created isolated test environments using Vagrant, VirtualBox, and VMware
- Wrote Vagrantfiles to simulate multi-node application clusters and deploy apps using shell provisioning

Tools & Technologies:

Vagrant, VirtualBox, VMware, Bash, Linux