

Alaa Sherif Abdelhamid Hassan

Entry-Level DevOps Engineer | Linux | Docker | Ansible | CI/CD | CCNA |
Infrastructure Automation

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📁 Profile

Motivated and detail-oriented **Junior DevOps Engineer** with hands-on experience in **Linux systems**, **containerization using Docker**, **automation with Ansible**, and foundational networking knowledge (**CCNA**). Passionate about infrastructure automation, CI/CD practices, and cloud-native tools. Currently training at **DEPI**, focusing on scalable DevOps practices and **infrastructure as code**.

🧠 Skills

Operating Systems

- Linux (Ubuntu)
- Shell Scripting (Bash)

Networking

- CCNA
- Network Troubleshooting
- Packet Tracer

Cloud & DevOps (Currently Learning)

AWS
GCP
Jenkins,
Terraform
GitLab CI

Automation & Tools

- Ansible (Playbooks, Configuration Management)
- Docker (Containers, Images, Compose)
- Git & GitHub
- CI/CD Basics

Virtualization

VMware

🎓 Education

2021 – 2025 **B.Sc. in Computing and Data Science, Alexandria University**

📄 Certificates

IT Management – Pearson

2024

Python Programming & OOP – Udemy

2024

CCNA – Cisco

2023

Network Essentials -Cisco

2022

📁 Projects

06/2025

Containerized Web App with Docker

- Built and deployed a **Python Flask** web application using **Docker containers**.
 - Utilized **Docker Compose** to manage a multi-container environment (web + database).
 - Focused on containerization, isolation, and ease of deployment.
- Demo available locally

05/2025

Linux Automation with Ansible

- Developed and executed **Ansible playbooks** to automate system tasks like package installations, updates, and user management.
- Targeted multiple **Ubuntu servers** simultaneously.
- Emphasized configuration management and infrastructure as code.

Demo available locally

11/2022

Network Simulation – CCNA Level

- Simulated a small enterprise network using **Cisco Packet Tracer**.
- Configured **routers, switches, VLANs, NAT**, and implemented **basic Access Control Lists (ACLs)**.
- Demonstrated practical networking and troubleshooting skills.

Demo available locally

10/2021

Python File Organizer Script

- Created a **Python script** using **Object-Oriented Programming (OOP)**.
- Automatically sorted files into folders based on their extensions (e.g., images, PDFs, docs).
- Applied file handling and automation logic.

Demo available locally

Languages

English – C1

German – B1