🚀 **#90DaysOfDevOps Challenge – Day 18: Docker Compose Deep Dive!** 🚀

Today, I took a deep dive into **Docker Compose** and worked on using the docker-compose.yml file to set up and manage multi-container applications with ease! 🎉

Here’s what I learned:

**Docker Compose Basics**: Docker Compose makes it so much simpler to define and run applications that consist of multiple containers. Using a single YAML file, I can spin up or tear down entire environments with one command!

**YAML in Action**: I got hands-on with YAML (Yet Another Markup Language), creating configuration files that make defining services and connecting them so easy and readable.

**Practical Docker Commands**:

* Pulled a Docker image from Docker Hub and ran it on my local machine.
* Configured it to run as a **non-root user**, ensuring secure access without needing sudo for every command.
* Learned to inspect containers, check logs, and manage the container lifecycle with commands like docker stop, docker start, and docker rm.

This was a powerful step in understanding how Docker Compose and Docker commands can simplify managing complex applications in DevOps workflows! 🛠️

If you’re running Docker commands without sudo, make sure to add yourself to the Docker group using sudo usermod -aG docker $USER and reboot to apply changes.

Looking forward to building more containerized applications and sharing more insights! 🌟

#DevOps #DockerCompose #Docker #YAML #Containerization #LearningJourney



