

****Louay Abidi****
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Student

****Summary****

Proficient in utilizing Docker Compose to orchestrate multi-container Docker applications. Demonstrated ability to write docker-compose.yml scripts for automating build processes, managing dependencies between microservices, and scaling applications across multiple instances. Familiar with Dockerfile creation and configuration, port mapping, and service discovery using Eureka.

****Projects****

*** **Multi-Container Application Deployment using Docker Compose****

- * Developed a docker-compose.yml script to automate the build and deployment of a microservices-based application.
- * Orchestrated multiple instances of microservices (candidate-service, job-service, and discovery-service) using Docker Compose.
- * Configured port mapping between container and host machine.
- * Implemented service discovery and registration using Eureka.
- * Managed dependencies between services to ensure proper startup and shutdown order.
- * Pushed Docker images to Docker Hub for centralized repository management.
- * Tested and verified application functionality by accessing services through exposed ports.
- * Documented the process and key configurations for future reference.

****Technical Skills****

- * Docker
- * Docker Compose
- * YAML
- * Microservices Architecture
- * Service Discovery (Eureka)
- * Container Orchestration
- * Application Deployment

****Education****

Currently pursuing studies (Academic Year 2024-2025) - Focus on Distributed Web Applications.

****Coursework****

- * Distributed Web Applications (UP_WEB)

****Note:**** This resume is based on the provided document which appears to be a project report. While it highlights technical skills and experience with Docker Compose, it lacks traditional resume elements like formal education details and prior work experience. As these become available, they should be incorporated for a more comprehensive resume.