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Student

Summary

Familiar with Docker and Docker Compose for orchestrating multi-container applications. Demonstrated ability to create docker-compose.yml files for building, running, and configuring microservices, including defining dependencies and managing port mappings. Experience with building and pushing Docker images to Docker Hub.

Projects

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

    * Developed a docker-compose.yml file to automate the build and deployment of a multi-container application consisting of three microservices (candidate-service, job-service, and discovery-service).
    * Configured the docker-compose file to manage dependencies between services, ensuring correct startup order and service discovery via Eureka.
    * Implemented port mapping to expose container ports to the host machine.
    * Successfully built and ran multiple instances of each microservice using Docker Compose.
    * Built and pushed Docker images to Docker Hub for remote deployment.
    * Familiar with Dockerfile creation and configuration.
    * Understood the use of `depends_on`, `ports`, `build`, and `image` directives within a docker-compose.yml file.
    * Experienced in troubleshooting Docker Compose deployments (e.g., using `docker-compose up --build`).

Technical Skills

* Docker
* Docker Compose
* YAML
* Microservices Architecture (Conceptual understanding demonstrated through project)
* Service Discovery (Eureka - Conceptual understanding demonstrated through project)

Education

Currently pursuing studies (Year 2024-2025) - Focus on Distributed Web Applications. Specific coursework includes *Applications Web Distribuées* (Distributed Web Applications) and *UP_WEB*.

This resume emphasizes the practical skills demonstrated in the provided project description,

even though formal experience and a dedicated skills section were not explicitly listed. It frames the academic work as a project to highlight the applied knowledge gained. It also clarifies the conceptual understanding of microservices and service discovery, as these were implied in the project description but not explicitly stated as skills.