EL OIDII ABDESSAMAD

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Professional Summary

I am a student at ENSA de Safi (National School of Applied Sciences), currently in my 5th year of studies in Telecommunications and Networks Engineering, and I am seeking a hands-on PFE (Projet de Fin d'Études) internship in the field of **software development** and **DevOps** for a duration of 4 to 6 months. Leveraging the theoretical knowledge I have acquired in class, I am eager to apply my skills and learn new techniques by working on concrete projects within a dynamic company. I am a motivated and diligent individual, and I am confident that this internship will allow me to enhance my technical skills and strengthen my professional path.

Experience

RysaSoft, Developer Summer Intern, **01/07 - 31/08 2024**

- The project provides a centralized platform for managing various HR functions, including personnel information, absences, and tasks.
- The project incorporates strong security measures, such as password hashing and secure authentication, to protect sensitive user data.

HARK TRANS, Developer Summer Intern, **01/07 - 31/08 2023**

- Developed Java desktop application for transportation logistics management.
- Implemented secure user authentication and SQL database integration.
- Created features for driver/vehicle management and document expiration tracking.
- Designed automated email alert system for timely contract and document renewals.

Projects

Nuntium - Microservices-Based News Platform

- Architected a scalable microservices ecosystem using Spring Boot, implementing service discovery with Eureka Server, centralized configuration with Config Server, and intelligent routing with Spring Cloud Gateway.
- Implemented client-side load balancing with Spring Cloud LoadBalancer for optimal traffic distribution across service instances, ensuring high availability and fault tolerance.
- Developed responsive frontend applications using Angular: a main news platform (Nuntium) and an admin dashboard, both integrated with the microservices backend.
- Established CI/CD pipeline using GitHub Actions for automated testing and deployment to AWS, with Docker Compose for container orchestration and service management.

E-commerce Platform Development and CI/CD Pipeline to a local server

- Developed a comprehensive e-commerce platform.
- Implemented secure payment processing with Stripe.
- Offered features like product search, filtering, and shopping cart management.
- Automated build, test, and deployment processes using CI/CD.
- Ensured consistent code quality and reliable deployments.

Intermediate Application For Wholesale Distributors Of Medical Products

- Implemented real-time inventory management and order processing using Fire-

base.

- Created responsive UI with dynamic dashboard, laboratory management,and purchase tracking.
- Integrated secure user authentication and role-based access control for multiple user types (Laboratory ,Pharmacy ,Wholesaler).

Technologies

Languages: Java, Spring boot, Angular, MySQL

Technologies: Github, Git

Cloud/Devops: Docker, kubernetes, Ansible, AWS

Education

Bachelor of Science Mathematics   2019 - 2020