YAHIA LAMHAFAD

Software Engineering student

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SUMMARY

Highly motivated Software Engineering student with a strong passion for learning and exploring new technologies. Eager to delve into the world of software engineering, I bring a proactive attitude and a keen interest in developing new solutions, automating, and optimizing software development processes. Currently seeking an end-of-studies internship to apply my skills and gain hands-on experience.

EXPERIENCE

Software Engineering Intern

Alnamate IT Services

📅 08/2024 - Present   📍 Casablanca, Morocco

Liferay, Python, Java, JAX-RS, Docker, OpenShift, Azure DevOps

- During my current internship, I created a service to centralize legal documents for a specific platform using Liferay CMS. I am currently optimizing this service.
- I developed unit tests for a large-scale project to ensure its integrity and expedite delivery.
- I deployed the service to OpenShift after creating Dockerfiles and YAML files.
- Created a CI/CD pipeline to automate the build process on the Azure DevOps platform.

Software Engineer Intern

N+ONE DATACENTERS

📅 07/2024 - 08/2024   📍 Nouaceur, Morocco

Django, Scrapy, Postgres, Docker, Vulnerability management

- As part of a group of interns, we developed a vulnerability management platform named Onetrack.
- Built a service to centralize the storage of security bulletins from various sources. Utilized web scraping libraries like Scrapy to create a local database of security bulletins.
- Gained a strong understanding of vulnerability management by automating the process from reporting to remediation of vulnerabilities.
- By automating this workflow, we reduced the time to address multiple vulnerabilities by 50%.

Test Automation Intern

Intelcia IT Solutions

📅 08/2023 - 09/2023   📍 Casablanca Metropolitan Area, Morocco

Java, Spring framework, JUnit

- During my summer internship, I took on unit testing responsibilities.
- Utilizing my knowledge of the Spring framework, I created comprehensive unit tests using JUnit and Mockito to maintain the project's integrity.
- Engaged in a dynamic scrum environment, I gained valuable experience and actively participated in daily meetings.

EDUCATION

Software Engineering Degree

Mohamed 6 International Academy of Civil Aviation

📅 09/2022 - Present   📍 Nouaceur, Morocco

SKILLS

Python, Golang, Java, React, Spring, Django

Postgres, MySQL, MongoDB, Redis

Docker, Git, Jenkins, Ansible, Vagrant, Kubernetes, OpenShift, Azure DevOps

PROJECTS

Securing a CI/CD pipeline with SCA, SAST tools

Jenkins, Docker, Trivy, Owasp, AWS EC2

- Enhanced security in a Jenkins CI/CD pipeline by integrating Trivy and OWASP Dependency Check, incorporating SAST and SCA to improve code quality and security
- Automated testing and Docker image creation, followed by deployment to AWS EC2. Managed image storage and distribution via Docker Hub.

Kubernetes CI/CD pipeline with GKE

Jenkins, Kubernetes and GitHub Actions

- Developed a CI/CD pipeline with Jenkins and GKE, to automate build/deployment.
- Configured dynamic agent pods via K8s and integrated GitHub for automated triggers and artifactstorage.

Hotel Reservation Backend

Golang, MongoDB, Docker

- Created a hotel reservation system with Golang, facilitating booking, reservation management, and availability viewing.
- The system features robust backend functionality including authentication, data storage, and API integration for a seamless user experience.

CERTIFICATIONS

Certified GCP Cloud Engineer

Set up, planned, deployed, and ensured successful operation of a cloud solution while configuring access and security, as part of ACE GCP certification.

Certified AWS Cloud Practitioner

Certified AWS Cloud Practitioner with foundational knowledge of AWS cloud services, architecture, deployment, security, and best practices.

LANGUAGES

English	Advanced
French	Advanced