



Achraf ZARROUG

Fullstack Engineer | DevOps

Curious, meticulous, and dynamic

✉ achraf.zarroug96@gmail.com

☎ +21624231240

🌐 linkedin.com/in/achraf-zarroug

INTERNSHIPS COMPLETED

Engineering Internship

Smart UP / 3s Group

06/2023 - 08/2023

Tunis

Tasks Accomplished

- Development of an online multiple-choice question (MCQ) exam website for a training center (Advancia).
Développement d'un site web d'examen QCM en ligne pour un centre de formation (Advancia).
- Implementation of the **Spring Boot microservices architecture (API Gateway, Configuration Server, Eureka Server)**.
- Development of the **frontend** using **Angular**.

Company Immersion Internship

BIMATECH

07/2022 - 09/2022

Tunisia

Tasks Accomplished

- Creation of a web application for the calculation and management of financial operations.
- Development of **plugins** on **WordPress**.
- **UI design** implementation on **Figma**.

Professional Life Initiation Internship

Octa+Technology

07/2021 - 08/2021

Tunisia

Tasks Accomplished

- Participation in the development of a **web application** for managing an optical store.
- Learned and mastered frontend development with **HTML**, **CSS**, and **JavaScript**.

EDUCATION

Computer Engineering Program: Software Architecture

ESPRIT Private Higher School of Engineering and Technology

09/2021 - Present

Tunisia

Integrated Computer Science Preparatory Program

ESPRIT Private Higher School of Engineering and Technology

09/2016 - 06/2020

Tunisia

Bachelor's Degree in Experimental Sciences

Technical High School of Zarzis

09/2014 - 06/2015

Tunisia

SKILLS

Spring Boot

Microservices

DevOps

JAVA

JavaFX

Docker

JUnit et Mockito

ANGULAR

Git

TypeScript

HTML

CSS

Symfony

DATABASES

MySQL/PostgreSQL/MongoDB/Hadoop

ACADEMIC PROJECTS

DevOps CI/CD Project (09/2023 - 12/2023)

- Deployment of a website using **Spring Boot**, **MySQL**, and **Angular** following **DevOps** principles.
- **CI** : Using **Jenkins /GIT/ JUnit** and **Mockito / Sonarqube / Nexus** for **continuous integration**.
- **CD**: Using **Docker image /Docker compose/ Grafana et Prometheus / Kubernetes** for **continuous deployment**.

Development Project 2 (01/2023 - 06/2023)

- **FullStack development** of a real estate sales website using **Java Spring Boot Microservices** for the **backend** and **Angular TypeScript** for the **frontend**.
- Integration of an **image detection model** based on **VGG16**.
- Implementation of **features: video conferences** with visitors, instant **chat**, and a **map** to locate real estate properties.

Development Project 1 (01/2022 - 06/2022)

- Development of a web application with **Symfony 4**, desktop application with **JavaFX**, and mobile application with **Java Android** for online sale of computer components. (**UML, SCRUM, SceneBuilder**)

LANGUAGES

French

Native or Bilingual Proficiency

English

Professional Working Proficiency

INTERESTS

Graphic Design

Volunteer Work

Sport