

Mohamed Ali Hrizi — Software Engineering Student

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MedAlihz

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Portfolio

EDUCATION

Software Engineering
ESPRIT

Tunis, Tunisia
2021 – Present

Pre-Engineering Studies
Esat University

Tunis, Tunisia
2019 – 2021

High School Degree
High School Sbeitla 1

Sbietla, Tunisia
2015 – 2019

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern
CSTB

Sophia Antipolis, France
05/2024 – Present

- Development of a digital twin for the CSTB buildings in Sophia-Antipolis, combining BIM and real-time data stored in InfluxDB by configuring NodeRed to retrieve sensor data and develop dashboards displaying energy, environmental, and maintenance indicators. The project aims to improve building management by integrating digital models and real-time data
- Keywords: **Agile, Angular, HTML, CSS, Javascript, Node-RED, InfluxDB, Grafana, Docker, Gitlab, CI/CD**

Full Stack Developer Intern
Confledis SAS

Paris, France
08/2023 – 10/2023

- Development of Project called "Driver" composed of a website and three mobile applications dedicated to drivers, companies, and users, offering an integrated solution to optimize transport management and improve car rental experience.
- Keywords: **SCRUM, Jira, Laravel, PHP, Angular, Ionic, TypeScript, PostgreSQL, Docker, AWS**

Full Stack Developer Intern
ESPRIT

Tunis, Tunisia
06/2023 – 08/2023

- Development of a Website dedicated to Esprit students to apply for international mobility offers provided by the Administration.
- Keywords: **SCRUM, Spring Boot, Spring Security, Angular, Git, JWT, MYSQL**

Full Stack Developer Intern
Andromedia

Tunis, Tunisia
07/2022 – 08/2022

- Development of a Realtime communication App
- Keywords: **React.js, Redux, Firebase, Git**

PROJECTS

DevOps Project :

09/2023 – 11/2023

- Creation of an automated CI/CD pipeline for the deployment of a Spring Boot and Angular project and the use of different DevOps tools.
- Keywords: **Spring Boot, Angular, Vagrant, Jenkins, Maven, JUnit, Git, SonarQube, Nexus, Docker, Docker Compose, Prometheus, Grafana, JaCoCo, MYSQL, Adminer**

YouthCamp :

01/2023 – 05/2023

- Website dedicated to campers to facilitate the camping activity through a reservation service, online store, transport service, maps.
- Keywords: **SCRUM, Angular, Spring Boot, MYSQL, Git, GoogleMaps API, Stripe API**

START :

09/2022 – 12/2022

- Website and Desktop Application dedicated to artists to share their work and to Studio Managers to post job offers, Internships, Challenges.
- Keywords: **SCRUM, Java, Symfony, JavaFX, MYSQL, Scene Builder, Git**

TECHNICAL SKILLS

Programming languages: Java, C#, C++, Python, PHP

Frameworks: Spring Boot, Angular, React.JS, Express.js, Ionic, Symfony, Laravel, .NET Core, JavaFX

Web Technologies: HTML, CSS, Bootstrap, Node.js, JavaScript, TypeScript

DevOps: AWS, Docker / Docker Compose, Maven, Jenkins, SonarQube, Grafana, Prometheus, Nexus, JUnit

Data Base: MongoDB, PostgreSQL, SQLite, MySQL, Xampp

Project Management: Jira, Trello, Agile, Scrum

Version Control Systems: Github, Gitlab, CodeCommit

CERTIFICATES

Cybersecurity Training: SecNumAcadémie - ANSSI

Node.js Development Certification: The Complete Node.js Developer Course (3rd Edition), Udemy

LANGUAGES

English: Fluent

French: Advanced

Arabic: Native