

HOMRANI MAHDI

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EDUCATION

- Private School of Engineering and Technologies "ESPRIT"** • Ghazela , Tunis Sep 2020 – July 2023
Cycle of Engineering Degree in Software Engineering • Software Engineering
- Higher Institute of Technological Studies of Radès** • Rades , Tunis Sep 2017 – July 2020
Applied Bachelor's Degree • Software Engineering

WORK EXPERIENCE

- Sofrecom** – Order To Bill September 2023 – Present
The Lake Shore, Tunis
- After creating the order, we will use Application Programming Interfaces (APIs) to establish communication with OTB in order to prepare the delivery of this order.
 - How to use Camunda to manage data flows to achieve the complete execution of a delivery task.
 - Covering unit tests for the backend and frontend components (Spring Boot and Angular).
 - The Git workflow is used to manage versions of the source code and enable deployments to non-production environments.
 - The use of Sonar, GitLeaks, and SpotBugs helps ensure code quality.
 - To ensure the smooth progress of sprints, we employed collaboration and implemented the Scrum methodology using tools such as Teams, Outlook, and Jira.
- ACTIA Engineering Services** – Cloud monitoring and supervision Feb 2023 – Aug 2023
Ghazela, Ariana
- Develop a cloud monitoring application with APIs consumable by another microservice using FeignClient, and utilize OpenAPI 3 as a testing tool.
 - Export metrics and display them in a customized manner using Prometheus and Grafana
 - Monitor the application and set up alerts in case of security issues.
 - Deploy the application on Docker and manage the deployment with Kubernetes.
- WeMiam** – ANGULAR Developer Intern June 2022 – August 2022
LAC, Tunis
- Utilize Angular Drag and Drop (along with the Fabric.js library) to create a user interface that allows placing various elements of a coworking space (desks, chairs, etc.) on a virtual map, while storing the layout with a JSON in PostgreSQL.
- BFI GROUP** – SPRINGBOOT and ANGULAR Developer Intern June 2021 – Juillet 2022
Lac, Tunis
- Perform an analysis of system requirements and specifications to define key functionalities and requirements
 - Design the architecture of the website and create user-friendly interfaces.
- AH & CO** – SPRINGBOOT and ANGULAR Developer Intern August 2021 – September 2021
Tunis , Tunisia
- Design an e-commerce platform that allows users to make online purchases.
 - Implement a parcel management system to ensure effective tracking of the delivery process, as well as invoices.

PROJECTS

- WELL BEING @WORK** – SpringBoot & Angular January 2022 – March 2022
Ghazela, Ariana
- "Developing a web application within a company that focuses on ensuring the well-being of employees to achieve objectives."
- SS Engineering** – Wordpress January 2023 – Feb 2023
Tunis, Tunisia
- Develop a website for a client that showcases their business activities along with examples of their work. The project should be responsive on multiple devices and have a personalized design.

TECHNICAL SKILLS

- Programming languages: C, PHP, HTML, CSS, Java, JavaScript, TypeScript.
- Frameworks: Spring , ASP.NET Core MVC, NodeJS, Angular, Symfony, React, Bootstrap
- Docker, Jenkins, Nexus, JUnit, Sonar, Grafana, Kubernetes, Prometheus.

EXTRA CURRICULAR ACTIVITIES

- Volunteer work
- Soccer, Music, Gym