

CHAYMA MEHRZI

Software Engineering Student

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EDUCATION

Software Engineering |
Esprit School of Engineering

Aug 2019 – Present

ACADAMEIC EXPERIENCE

MERN Project "Givly" | ESPRIT

Jan 2023 – Mai 2023

Project Description: Givly is a web application that promotes sustainability by reducing waste and encouraging reusing and the recycling of items and food, as well as fostering a sense of community and generosity among users.

- Developed responsive and customizable React.js components using Material Ui to enhance the user experience.
- Created an AI system using Python to detect the objects and provide options for the user.
- Implemented REST API to allow efficient data flow.

Technologies: Jira React.Js Node.Js MongoDB
Python Git Figma Cloudinary MaterialUI

Nature Cruise Application | ESPRIT

Sep 2021 – Juin 2021

Project Description: Nature Cruise is a mobile and web application that simplify the process of organizing and booking camping events.

- Developed a web application with symfony 4.4 using MVC architectural model.
- Created mobile application with Java based on Codename-one Framework and consumed web services from symfony 4 application with JSON.
- Developed back-end software for communicating with the Desktop and web application and storing data into an SQL database.

Technologies: Symfony4 Git Codenameone Java
PHP

Hospital Services Web Application |ESPRIT

Feb 2021- Juin 2021

Project Description : The application offers a range of features that help hospital staff manage patient records, appointments, prescriptions, and billing, making it easier to provide high-quality care to patients

- Created a web application that manages hospital services using HTML 5, CSS, PHP5 and Javascript.
- Developed back-end server for communicating with the Desktop application and storing data into an Oracle database.

Technologies: Html CSS Javascript PHP

PROFESSIONAL EXPERIENCE

Software Engineering | Intern|
CERT

Jul 2022 – Sep 2022

Project Description: The application allows users to generate an activity report from Excel files.

- Developed user-friendly interfaces with react.js making it easy for users to upload their Excel files to the application.
- Used Python library Pandas to analyze the data and generate a comprehensive activity report and implemented the task scheduler to run the python scripts to automate the excel files.

Technologies: React.Js Git Python Pandas

Fullstack Web Developer|
Esprit Incubator

Oct 2022 – Jan 2023

Project Description: The application enables students and professors to easily organize events and courses .

- Created dynamic user interfaces with JavaScript and angular material design.
- Implemented a back-end server using Spring Boot to create a Restful API that communicates with the front-end.
- Utilized MySQL database to store the data and connected it to the Spring Boot application using the JDBC driver and Hibernate ORM.

Technologies: Angular Git Spring Boot MySQL

LANGUAGE SKILLS

Arabic	Native
English	Fluent
French	Fluent

LEADERSHIP EXPERIENCE

Enactus Esprit ICT

- 2022-Present : Active Member
- 2021: Project Manager
- 2020: National Vice Champion ★
- 2020: Active Member

TECHNICAL SKILLS

- Programming Languages:** Python, Java, Javascript, TypeScript,PHP,C++, C, C#.
- Technologies/Frameworks:** React.Js, Node.Js, Angular, Symfony, .NET Core, QT, Spring Boot.
- Databases:** Microsoft SQL Server, MySQL, MongoDB.
- Developer Tools:** GitHub, Vs Code, Visual Studio, IntelliJ.
- Design Tools:** Figma, AdobeXD, Photoshop, Illustrator.