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📍 Home: 6013 Gabés-Elhamma (Tunisia)

EDUCATION AND TRAINING

Engineering Degree in Computer Science

Ecole Supérieure des Sciences Appliquées et de la Technologie Privée de Gabès (ESSAT Gabès) [01/09/2022 – Current]

City: Gabés | **Country:** Tunisia | **Website:** https://www.essat-gabes.com/ | **Level in EQF:** EQF level 7

Preparatory Cycle in Engineering Sciences

Ecole Supérieure des Sciences Appliquées et de la Technologie Privée de Gabès (ESSAT Gabès) [01/09/2020 – 30/06/2022]

City: Gabés | **Country:** Tunisia | **Website:** https://www.essat-gabes.com/ | **Level in EQF:** EQF level 5

Preparatory Cycle in Engineering Sciences

Institue Supérieure des Sciences Appliquées et de la Technologie de Mahdia (ISSAT Mahdia) [01/09/2016 – 30/06/2018]

City: Mahdia | **Country:** Tunisia | **Website:** https://issatmh.rnu.tn/ | **Level in EQF:** EQF level 5

Baccalauréat in Mathematics

Lycée Sombat Elhamma [01/09/2015 – 30/09/2016]

City: Elhamma | **Country:** Tunisia | **Level in EQF:** EQF level 4

WORK EXPERIENCE

🏢 *Alma technologie* – Sfax, Tunisia

City: Sfax | **Country:** Tunisia

Junior Software Engineer | Computer Science & Software Engineering Graduate

[01/02/2024 – 01/2025]

🏢 *AS Elhamma / Avenir Sportif de Gabès* – Gabés-Elhamma, Tunisia

City: Gabés-Elhamma | **Country:** Tunisia

Football team coach

[01/07/2018 – Current]

Team management
Strategic training planning
Ceadership development
communication

🏢 *Club Robotech ESSAT* – Gabés, Tunisia

City: Gabés | **Country:** Tunisia

Club Participation (Academic + Organizational Experience)

[2022 – 2023]

Member

🏢 *IDEAL Club ESSAT* – Gabés, Tunisia

City: Gabés | **Country:** Tunisia

Club Participation (Academic + Organizational Experience)

[2023 – 2024]

Member

🏢 *RoboDev* – Gabés, Tunisia

City: Gabés | **Country:** Tunisia

Club Participation (Academic + Organizational Experience)

[2024 – Current]

Mobile Development Department

PROJECTS

[01/2024 – 06/2024]
🛒 **E-commerce MERN Stack**
E-commerce MERN is a complete online shopping platform developed using the MERN stack (MongoDB, Express.js, React.js, Node.js).
It allows users to browse products, add items to the cart, place orders, and allows administrators to manage inventory, users, and orders from a secure dashboard.
Key Features:
🔐 Authentication and Authorization (Login/Register with JWT tokens)
🔍 Category navigation, search, and filters
🛒 Cart management and order validation
💳 Online payment integration (PayPal API)
📦 Order management (client + admin)
📊 Admin dashboard (manage products, users, and sales statistics)
🔔 Order notifications
🌓 Dark and light modes available
📱 Responsive design for mobile and tablet
Technologies Used:
Frontend:
React.js
Redux Toolkit (global state management)
React Router DOM (SPA navigation)
Axios (API communication)
Bootstrap 5
Backend:
Node.js
Express.js
JWT (JSON Web Tokens) for secure authentication
Multer (product image uploads)
PayPal API (payments)
Database:

MongoDB (NoSQL database)
Mongoose (ODM)

Link: https://github.com/CHOUMR11/e-commerce-MERN

[2023 – 2023]
🍱 Fisa3 - Food Delivery App
Fisa3 is a web/mobile application for food delivery, developed to connect restaurants and customers in real-time. Users can browse menus, order dishes, and have them delivered quickly to their homes. Restaurants can manage their products and orders through a dedicated dashboard.
Key Features:
Secure Registration / Login (for both customers and restaurants)
Navigation by dish categories
Add products to the cart
Order placement and tracking
Payment on delivery (or future integration of an online payment system)
Menu and order management for restaurants
Responsive Design (Web & Mobile)
Technologies Used:
MERN Stack (MongoDB, Express, React, Node.js)
HTML
Bootstrap
JavaScript
UML

Links: https://github.com/CHOUMR11/frontend | https://github.com/CHOUMR11/adminFoodFront | https://github.com/CHOUMR11/fooddelivery

[2024 – 2024]
Mobile App – CoachPro
the **Sports Scores Demo** project! 🏟️ This is a multi-platform application developed using **Flutter** and **MigratoryData** (optionally with Kafka) for real-time sports scores. This app can be compiled and run on **Web**, **Android**, **iOS**, and **Desktop** (MacOS, Windows, Linux).
Technologies: Flutter, Android Studio, Firebase, Node.js, UML
  • **Real-time sports scores** powered by **MigratoryData**.
  • Multi-platform support: **Web**, **Android**, **iOS**, and **Desktop**.
  • Option to integrate with **Kafka** for advanced real-time capabilities.
  • Easy to use and deploy with clear instructions.

Link: https://github.com/CHOUMR11/CoachPro

[2024 – 2024]
Islamic-app-Quran
This is a multi-platform application developed with Flutter and MigratoryData (with optional integration to Kafka) for real-time sports score display.
The app can be compiled and run on Web, Android, iOS, and Desktop (macOS, Windows, Linux).
Technologies Used:
Flutter
Android Studio
Firebase
Node.js
UML

Key Features:

⬚ Real-time sports scores powered by MigratoryData

⬚ Multi-platform support: Web, Android, iOS, and Desktop

⬚ Optional integration with Kafka for advanced real-time capabilities

⬚ Easy to use and deploy, with clear instructions

Link: https://github.com/CHOUMR11/Isalmic-app-Quran

[2023 – 2024]

School Management System

The School Management System is a web application developed with ASP.NET Core MVC. It provides an efficient and secure platform for managing students, teachers, courses, grades, and attendance within a school environment.

Technologies Used:

Framework: ASP.NET Core MVC

Database: SQL Server with Entity Framework Core

Architecture: Repository Pattern

Authentication: Identity Framework with Role Management

Frontend: Bootstrap, Syncfusion Components

API: RESTful Web API

Link: https://github.com/CHOUMR11/SystemedeMangementEcole

[2024 – 2024]

MERN-Movies-App

Full-stack MERN Movie Database Application allowing users to explore and search for movies.

It uses the MERN stack, consisting of MongoDB, Express.js, React.js, and Node.js.

This project demonstrates how to create a responsive movie database application.

Technologies Used:

MongoDB: NoSQL database to store movie information

Express.js: Web framework for Node.js to handle server-side logic

React.js: JavaScript library for building user interfaces

Node.js: JavaScript runtime for the backend

JWT Authentication: For user login and token-based authentication

Axios: Promise-based HTTP client for making requests

React Router: For page navigation

Material-UI: For sleek and modern UI components

Link: https://github.com/CHOUMR11/MERN-Movies-App

TECHNICAL SKILLS

Software, Devops and IoT Engineer

Programming Languages:

Java, JavaScript, TypeScript, Python, PHP, C++, C#, Bash, C, Matlab, R

Frameworks:

Spring Boot, Angular, Node.js, Express.js, ASP.NET, Blazor, Hibernate, MERN (MongoDB, Express, React, Node)

Databases:

MySQL, MongoDB, HBase

Tools & IDEs:

IntelliJ IDEA, WebStorm, PyCharm, Android Studio, Visual Studio, VS Code, STS

DevOps Tools:

Docker, DockerHub, Kubernetes, Minikube, GNS3, GitHub, Azure Cloud

Operating Systems:

Linux (Ubuntu), Windows, Raspberry Pi OS

IoT Tools:

Arduino, ESP32, Raspberry Pi 4/5

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s):

French	English
LISTENING B2 **READING** C1 **WRITING** B2	**LISTENING** B2 **READING** B2 **WRITING** B2
SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2	**SPOKEN PRODUCTION** B2 **SPOKEN INTERACTION** B2

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LISTENING B1 **READING** B2 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

HOBBIES AND INTERESTS

Sports, Technology, Innovation, and Club Participation
I am passionate about football, with over 7 years of experience as a certified coach (CAF C License). I enjoy participating in university clubs, such as Robotech and IDEAL, where I explore technology, leadership, and teamwork. I'm also deeply interested in emerging technologies, including Artificial Intelligence, Mobile Development, and Embedded Systems. I frequently join workshops and training sessions on topics like Flutter, Machine Learning, and Time Management.