Eya KHALFALLAH

Computer science engineering student

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EDUCATION

National Diploma of Engineering in Computer Science National School of Computer Science (ENSI)
IoT speciality   *2022 - present*

Diploma of First Cycle University Studies Higher Institute of Applied Sciences and Technology (IssatMh)
Ranked 248/1831 in the national engineering contest MP branch   *2019 - 2022*

EXPERIENCE

ZNet-IT - *Freelance Developer*   Aug. 2024 – present
  * Developed mobile apps focused on frontend UX, responsive web interfaces, and optimized backend API integration.
  * Managed database deployment to enhance data flow and performance.

(Flutter, ReactJS, NestJS, PostgreSQL, Docker)

ZNet-IT - *Summer Internship*   Jun. 2024 – Aug. 2024
  * Built the frontend for a healthcare app, prioritizing UX and responsiveness.
  * Developed RESTful APIs for smooth frontend-backend communication.
  * Collaborated with cross-functional teams to enhance app performance.

(Flutter, NestJS, PostgreSQL, Docker)

I-WAY - *Summer Internship*   Jul. 2023 – Aug. 2023
  * Designed scalable backend architecture with flexible data flow.
  * Developed APIs for seamless web app-database interaction.
  * Conducted backend testing to ensure API reliability.

(MongoDB, ExpressJS, NodeJS)

PROJECTS

MindfulU (Flutter, Firebase)
  * Mental health app for University of Manouba students.
  * Includes assessments, mood tracking, chatbot, and therapist contacts.
  * Promotes student well-being and self-care.

EJE Website (ReactJS)
  * Website for ENSI Junior Enterprise.
  * Covers presentation, history, services, and achievements.
  * Showcases past events and activities.

Recipe Finder (MERN Stack)
  * Recipe app for discovering, saving, and sharing.
  * Supports personalized collections, search, and filters.
  * Features user ratings and comments.

E-commerce Web Application (MERN Stack)
  * E-commerce platform for easy browsing and purchases.
  * Includes order tracking and personalized recommendations.

Cosmetic Products Website (JavaScript, PHP, MySQL)
  * Web app for browsing cosmetics with filters.
  * Includes user authentication and product reviews.

TECHNICAL SKILLS & INTERESTS

Languages: Python, C/C++, Javascript, Assembly, Bash, VHDL

Embedded Environments: Arduino, ESP32, Raspberry pi pico

Libraries & Frameworks: Flutter, Firebase, ReactJS, NodeJS, ExpressJS, NestJS

Databases: MySQL, PostgreSQL, MongoDB, Oracle

EXTRACURRICULAR ACTIVITIES

ENSI Junior Entreprise - *Honorary Member*   Aug. 2024 – present
ENSI Junior Entreprise - *Operation Mission Leader*   Aug. 2023 – Aug. 2024