



Eya KHALFALLAH

Computer science engineering student

(+216) 28 086 759
eya.khalfallah@ensi-uma.tn
linkedin.com/in/eya-khalfallah
github.com/Eya-khalfallah
eya-khalfallah.vercel.app/

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)
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)
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, Rasa)
* Developed a mental health app for students with assessments, mood tracking, and support resources.
* Integrated a chatbot for advice and psychotherapist contacts for assistance.
* Designed a calming, user-friendly interface to promote well-being.
ENSI Junior Enterprise Website (ReactJS)
* Built a professional website showcasing ENSI Junior Enterprise's mission, services, and events.
* Highlighted achievements and activities with a responsive, engaging design.
CookBook - Recipe Finder (MERN Stack, Cloudinary)
* Created a recipe-sharing app with features for user accounts, category-based filtering, and viewing recent recipes.
* Integrated Cloudinary for managing recipe images.
Cozy - Cosmetic Products Website (PHP, JavaScript, MySQL)
* Built an e-commerce site for browsing and filtering cosmetic products by categories and prices.
* Enabled user registrations for updates and promotional offers.

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