

ISLEM ZIEDI

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PROFIL

Computer Science graduate specializing in Information Systems Development with comprehensive knowledge in software engineering ,algorithms, databases, and system architecture. Motivated to pursue advanced studies in Computer Science to strengthen my theoretical foundations, engage in research-oriented projects, and contribute to innovative solutions

EDUCATION

Bachelor's Degree in Computer Technology September 2022 - June 2025

Higher Institute of Technological Studies of Nabeul

Baccalaureate in Experimental Sciences September 2018 - June 2022

Menzel Bouzelfa High School

PROFESSIONAL EXPERIENCE

Software Engineering Intern (Final Year Project) | Aftercode | Nabeul February 2025 - May 2025

- *Project* : Kliniqa – Mobile & Web Platform for International Medical Tourism
- *Technologies* : Flutter, Hono, Bun, PostgreSQL, Neon, Next.js, Supabase
- Developed cross-platform mobile application (Flutter) and web platform (Next.js) connecting international patients with qualified doctors abroad.
- Implemented real-time video consultations, instant messaging, and comprehensive medical reporting system using WebRTC and WebSocket protocols.
- Developed AI-powered symptom analyzer by integrating Google Gemini API with custom prompt to guide patients to appropriate medical specialties, constraining response scope and optimizing accuracy for medical specialty recommendations.
- Architected scalable cloud infrastructure with PostgreSQL database (Neon) and serverless backend (Hono/Bun).

Software Development Intern (Advanced Training) | Centre National de l'Informatique | Tunis January 2024 - February 2024

- *Project* : Financial Management Web Application
- *Technologies* : Spring Boot, MySQL, HTML, Bootstrap
- Developed full-stack financial management platform for account tracking, transaction management, and course/instructor administration.
- Implemented RESTful API backend with Spring Boot and MySQL database.
- Designed system architecture using UML diagrams (use case, class, sequence).
- Built responsive web interface with Bootstrap framework.

Web Development Intern (Initial Training) | Centre National de l'Informatique | Tunis January 2023 - February 2023

- *Project* : Site Web Vitrine
- *Technologies* : HTML, CSS, Bootstrap
- Designed and developed static showcase website for CNI's training division to present educational services and activities.
- Created responsive, user-friendly interfaces using HTML5, CSS3, and Bootstrap framework ensuring mobile compatibility.

PROJECTS Conception Et Développement

Real-Time Interactive Chatbot :

- Developed interactive chatbot application with **Spring Boot** backend and **HTML/Bootstrap** frontend, utilizing **WebSocket** protocol for bidirectional real-time communication
- Implemented instant messaging functionality enabling seamless user interactions with sub-second response times

Car Rental Management Mobile Application

- Developed full-stack mobile application for car rental management integrating **Flutter** frontend and **Spring Boot** backend
- Designed and prototyped user-friendly interfaces in **Figma**, ensuring intuitive navigation and optimal user experience

TECHNICAL SKILLS

Programming Languages : C , Java , Python , Php , Javascript

Web Development : HTML , CSS , Angular , React.Js , Next.Js , Django , Springboot

Mobile Development : Android (Java/XML) , Flutter

Database Management : MySQL , Postgresql , MongoDB

Data Analysis : Python (Pandas, NumPy), Power BI

Software Engineering : UML Modeling, Git/GitHub, Agile/Scrum

LANGUAGES

- Arabic : Native
- French : Intermediate (B2 level)
- English : Upper Intermediate - IELTS 6.5 (B2/C1)
- German : Basic (A1)

VOLUNTEER EXPERIENCE

Co-Lead | Google Developer Student Club ISET Nabeul | 2023-2024

- Co-led student developer community, developing leadership and team management skills
- Recruited and mentored new members, fostering technical growth and community engagement
- Organized technical workshops and coding events, contributing to collective achievement of club objectives