HAMZA BEN ISMAIL

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SUMMARY

Recent graduate in software engineering, passionate about full-stack development and cloud-native architectures. Seeking a software developer position where I can contribute to scalable solutions while continuing to learn in an innovative environment.

EDUCATION

Bachelor's Degree in Computer Science

Bachelor in Computer Science – Specialization in Software Engineering

📅 2021 - 2025

High School Diploma

Ibn Rachik Private High School

📅 2021

EXPERIENCE

Capstone Intern

Tunisian Electricity and Gas Company

📅 04/2025 - 07/2025   📍 Tunis, Tunisia

- Completed final year project: Developed the web application **LOGISERV** for managing and tracking maintenance interventions for buildings and vehicles.
- Designed a microservices architecture based on Docker. Technologies used: React.js, Spring Boot, PostgreSQL, Redis, and Keycloak.
- Integrated advanced features: **reporting, automated notifications, role and permission management via LDAP**.
- Optimized processing time for maintenance requests by automating notifications and enabling real-time tracking.

Software Development Intern

Tunisia Telecom

📅 08/2022 - 09/2022   📍 Tunis, Tunisia

- Managed an internship project to develop a task management software solution for the company.
- Designed a database using SQLite to efficiently organize internship information.
- Created a Delphi-based employer management tool, contributing to a smoother internship tracking process.

PROJECTS

LOGISERV – Management Application

Developed a web application for managing maintenance interventions for buildings and vehicles.
Full-stack design using **React.js, Spring Boot, PostgreSQL, Docker, and Keycloak** to optimize resources and automate tracking.

Employer Manager

Developed a tool in **Delphi** using **SQLite** to manage employee information. Features include **storage, sorting, and tracking**, facilitating organization and quick data retrieval.

SKILLS

Programming Languages

Delphi   Python   Java   PHP
JavaScript   C/C++   SQL

Frameworks & Technologies

Mobile Development   Machine Learning
Cloud Computing   Hadoop Cluster
React.js   Spring Boot   Docker
Keycloak   Redux   REST API
Material-UI

Databases & Tools

Git/GitHub   Unit Testing
PostgreSQL   SQLite

Operating Systems

Linux   Windows Administration

Soft Skills

Time Management   Teamwork
Problem Solving   Adaptability

INTERESTS

Technology Awareness

Strategy Games

Self-Teaching in Software Development

LANGUAGES

English	Advanced
Arabic	Native
French	Intermediate