Oussama Zribi
Software Architect Engineer

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Technical Skills

Design and Methodology:
UML, Scrum, Agile

Languages : Java, PHP, R, Python

Frameworks : Node.js, Next.js, React, Spring, Angular, Laravel

Database : PL/SQL, SQL, NoSQL, MySQL, MongoDB

Tools : ETL, Power BI, Tableau, Cursor, V0, Replit, StackBlitz, SSIS, WindSurf, Aide, Trae, n8n, agentKit

DevOps : Jenkins, SonarQube, , Nexus, Prometheus, Docker, Git

Machine Learning : Scikit-learn, Pandas, NumPy, KNN, Matplotlib, XGBoost, K-means, Decesion Tree

Professional Skills

Fast Business Acumen
Polyvalence
Analytical Mindset
Team Player
Technical Documentation

Languages

Arabic	:	Native
French	:	Fluent
English	:	Fluent
German	:	A2

Competitions and Awards

XCoding Challenge 2019 :
1st Prize - Winner of the Hackathon

Sfax Smart Medina
Development of algorithms (Clustering and Dijkstra) to improve planning and navigation for waste collection in smart cities.

Professional Experience

Comunik CRM

Full Stack engineer Intern
January 2025 - September 2025
- Developed a web application for client portfolio management using Laravel, React, ReactFlow, Meilisearch, and WaveTerm.
- Reduced manual data entry time by 60% for over 100 clients.

Web Developper Intern
February 2023 - May 2023
- Development and integration of a user management module (CRUD, search, pagination) Laravel, MySQL

Stagic.dk

Freelance Developer (Remote)
July 2024 - December 2024
- Designed, developed, and maintained custom web applications using Next.js, React, and Node.js.
- Created microservices tailored to specific projects (WebSocket, REST API).

National Institute of Agronomic Research of Tunisia

Data Scientist Intern
July 2022 - September 2022
- Research on the impact of climate change on the Bir M'cherga dam in Zaghouan.
- Utilized Python and XGBoost to model and predict the behavior under various climate scenarios.

Discovery Informatique

Data Analyst Intern (Final Year Internship)
April 2019 - September 2019
- Implementation of a decision-making solution and creation of a data warehouse based on Kimball modeling.
- Designed Power BI dashboards, improving managerial decision-making efficiency by 25%.

Orange Tunisie

NOC Technician Intern
July 2018 - August 2018
Monitored network infrastructure and equipment at the Network Operations Center (NOC).

Academic Background

ESPRIT Engineering School, Tunis	**2021 - 2025**
Engineering in Software Architecture	
Claude Bernard University, Lyon	**2018 - 2019**
Bachelor's in Business Intelligence	
ESPRIT school of business, Tunis	**2016 - 2019**
Bachelor's in Business Computing	