

SKILLS

Programming Languages	: Python, Java, JavaScript, C++, C, SQL, PHP, Java Native
Web & Mobile Development	: HTML, CSS, Angular, FastAPI, .NET, Spring Boot, Symfony, Qt, Kotlin, XML
Data Management & Analysis	: ETL (Extract, Transform, Load), Data Automation, Data Integration, Data Analysis, Vector Databases
Business Intelligence	: Power BI (Reports, Dashboards), EazyBI
Project Management	: JIRA (Sprint Management, Workflows), Trello, BigPicture, Xray, Tempo
DevSecOps & CI/CD	: Jenkins, Docker Hub, Docker Desktop, SonarQube, SonarLint, Nexus, Grafana, Prometheus, Kubernetes, Snyk
Artificial Intelligence	: Retrieval-Augmented Generation (RAG), Qdrant, Ollama
Collaboration & Documentation Tools	: GitHub, Confluence, MS Office
Architectural Patterns	: SOA, Microservices, MVC, MVVM
Languages	: English (B2), French (B2), Arabic (Native)

TECHNICAL EXPERIENCE

Internship : Software Engineering Intern (Capstone Project) Vermeg, Tunis, Tunisia	January 2025 — July 2025
• Developed <i>Agent DevOps</i> , a DevSecOps solution automating Snyk vulnerability report analysis using a local AI model (Qwen) and Retrieval-Augmented Generation (RAG), achieving a 40% reduction in analysis time, designed a conversational chatbot with Qdrant for real-time user support and built a scalable architecture with Angular, FastAPI, Jenkins, Docker, and MySQL.	
Software Engineering Intern Vermeg, Tunis, Tunisia	June 2024 — August 2024
• Automated data extraction and analysis with Python, designed Power BI dashboards for data-driven decision-making, and enhanced ETL processes by integrating data automation tools, improving efficiency and project timelines.	
Project Management Intern Spectrum Group, La Goulette, Tunisia	July 2023 — August 2023
• Enhanced collaboration with JIRA add-ons (BigPicture, Xray, Tempo), optimizing resource allocation and reducing project timelines through effective sprint management.	
Intern - Microsoft Power BI and JIRA Spectrum Group, La Goulette, Tunisia	June 2022 — July 2022
• Conducted data analysis with Power BI and JIRA, creating KPI dashboards that improved project tracking, reporting, and enhanced team decision-making and productivity.	
Project Management Intern Spectrum Group, La Goulette, Tunisia	July 2021
• Streamlined workflows and sprint management using JIRA, gaining expertise in agile methodologies and cross-functional collaboration to improve project efficiency.	
Academic Projects : Integrated Web Development Project Academic Project, Esprit, Tunisia	January 2024 — June 2024
• Built a cross-platform web app using Angular and Spring Boot, integrating a Python chatbot (ChatGPT API) and designing secure backend APIs and a responsive front-end for seamless device compatibility.	
Integrated Web Development Project (Java Mobile) Academic Project, Esprit, Tunisia	January 2023 — June 2023
• Developed a multi-client app with Java, JavaFX, Symfony, and CodenameOne for cross-platform use, optimizing APIs and backend logic to improve data synchronization.	
C++ Desktop Application Project Academic Project, Esprit, Tunisia	January 2022 — June 2022
• Developed a real-time data processing app with Arduino and C++, optimizing sensor data monitoring and designing a user-friendly GUI to enhance usability and system performance.	

EDUCATION

Software Engineer	ESPRIT School of Engineering	2025
Bachelor's Degree in Experimental Science	Lycée Ennasr, Ariana	2020