

RAMI AYOUNI

Forward Deployed Engineering | Agentic AI & Data Engineering

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PROFILE SUMMARY

Data Engineering & AI student who builds LLM agents into real business systems (Odoo, a competitive gaming platform), building guardrails first and pairing hands-on engineering with client-facing work advising startup founders. Looking for a **4–6 month internship abroad** from February 2027.

EDUCATION

National School of Electronics and Telecoms of Sfax (ENET'COM)	2024 – 2027
<i>B.Eng. – Data Engineering and Decisional Systems</i>	<i>Sfax, Tunisia</i>
Preparatory Institute for Engineering Studies of Monastir (IPEIM)	2022 – 2024
<i>Ranked 104th nationally (top 10%) in the National Engineering Entrance Exam</i>	<i>Monastir, Tunisia</i>
Hedi Soussi High School	2022
<i>Baccalaureate in Technical Sciences – top 5% of 9,000 students nationwide</i>	<i>Tunisia</i>

EXPERIENCE

ninety. Startup House	Jul 2026 – Present
<i>AI Intern (Jul 2026) Project Coordinator (Sep 2026)</i>	<i>Sfax, Tunisia</i>
- Building CBAM-compliant sustainability data pipelines and agentic AI workflows for auditable carbon reporting. - Coordinating incubation & acceleration calls; advising early-stage founders on turning needs into plans.	
Digital Research Center of Sfax	Jun 2025 – Aug 2025
<i>AI Intern – LLM Applications & MCP Integration</i>	<i>Sfax, Tunisia</i>
Built JobMatch, an LLM- and embeddings-based candidate-screening platform that ranks applicants against job descriptions via semantic similarity, exposed through a Model Context Protocol (MCP) architecture; a fine-tuned Mistral-7B runs locally, so no CV leaves the machine.	

KEY PROJECTS

CBAM Compliance Agent <i>Ollama, Odoo 17, Python, Local LLMs</i>	2026
- Integrated an LLM agent into Odoo 17 with 7 custom tools, automating EU CBAM declarations for steel & aluminium. Deterministic, unit-tested engine computes every compliance figure; guardrails require a verbatim source quote for every measured emissions value. - Benchmarked 4 local LLMs; raised accuracy on the hardest field from 7% to 81% on 50 synthetic documents.	
LLM Coach for a Competitive Gaming Platform <i>TypeScript, AI Agents, Tool Calling</i>	2026 – In progress
- A multilingual (FR/AR/EN) coach that explains a player's ranking: every number comes from a read-only tool call against the platform's event-sourced ledger – the model never calculates. - Integrating 6 custom read-only TypeScript tools into the agent on top of the platform's existing backend.	
GEO (Generative Engine Optimization) Agents <i>ReAct Agents, MCP, Python</i>	Nov 2025 – Apr 2026
School project (team of 2) measuring how consistently LLMs mention local businesses: 450 LLM answers, 234 restaurants found, 182 enriched with their web presence; the top 15% of restaurants receive 62% of mentions.	
TUT'ECT – Insect Detection with Computer Vision <i>YOLO, Python, Data Annotation</i>	Jan 2025 – Present
Trained a YOLO detector on a self-annotated dataset of ~4,000 images to spot <i>Tuta absoluta</i> early from uploaded leaf photos – winner of 2 national awards (below).	

LEADERSHIP & AWARDS

Innovation Award, Enactus Tunisia (2025) 2nd Place / 55 projects, Race4Green, Enactus Tunisia (2024) 2× semi-finalist, Enactus National Exposition. Project Manager, Enactus ENET'COM (2024 – 2026) – developed 5+ projects and led 60+ members across planning, risk management, team coordination and stakeholder communication. Ambassador, Pôle Étudiant Entrepreneur Sfax – led 30+ members to national Student-Entrepreneur status Certified Student Entrepreneur Certified in Leadership & Green Business.	
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TECHNICAL SKILLS & LANGUAGES

Languages: Python, SQL, TypeScript
AI / ML: LLM Agents, LangGraph, LangChain, MCP, Tool Calling, Prompt Eng., Embeddings, Ollama, YOLO
Data & Integration: Data Pipelines, Data Modelling & Validation, EDA, REST APIs, Web Scraping, Odoo 17, Git
Delivery: Client & Stakeholder Communication, Agile, Technical Documentation, Project & Risk Management
Spoken Languages: English (C1), French (B2), Arabic (Native)