

Rami Smat

AI Software Engineer – Fullstack and AI

(+216) 23 894 856 | rami.smat@hotmail.com | linkedin.com/in/ramismat

Summary

Software Engineer specialized in **Java**, **Python** and **AI**. Strong focus on **scalability**, **reliability**, and clean architecture.

Professional Experience

- **Vonoy** – AI Software Engineer Aug 2025 – Present
 - Optimization of an internal fork of **OSRM** for large-scale route computation.
 - Full frontend development(Presell platform and CashVan) using **Angular 20** (Spartan NG) following clean architecture practices.
 - Delivered custom routing solutions for clients in the Gulf region (UAE, Saudi Arabia).
 - Contributed to building an AI-powered assistant that helps administrators make informed business decisions and quickly identify issues with drivers and routes.
- **Mass Analytics** – AI Software Engineer (Java/ Python / AI) Feb 2025 – Jun 2025
 - Developed a multilingual conversational assistant based on **RAG**.
 - Designed an **Azure webhook** for real-time synchronization with Confluence.
 - Refactored UI architecture by applying **SOLID principles**.
- **Strat'Change** – Java Software Engineer Oct 2024 – Jan 2025
 - Designed and implemented a **medical CRM** integrating the **DICOM** protocol.
- **Ernst & Young (EY)** – Data Consulting Intern Jun 2024 – Aug 2024
 - Developed **FiscaBOT**, a RAG-based chatbot to assist tax audit processes.
- **Plenesys** – Software Engineer Oct 2023 – Apr 2024
 - Developed industrial software for **automatic electrode detection** in a **green hydrogen** production system based on plasma.
 - Implemented **real-time signal processing** to trigger electrode insertion.
 - Collaborated closely with hardware teams to ensure system **reliability and safety**.

Technical Skills

Languages : Java, Python, TypeScript
Backend : Spring Boot, REST APIs, FastAPI, Microservices
Frontend : Angular, HTML/CSS
AI / ML : RAG, LangChain, LangGraph
Tools : Docker, Git, SQL, Linux, Azure
Best Practices : SOLID, TDD, Clean Code, OOP

Education

- **National Engineering School of Tunis - ENIT** 2022 – 2025
- **Preparatory Institute For Engineering - IPEIT** 2020 – 2022

Languages

English : C1 (Professional)
French : C1 (Professional)

Extracurricular Activities

- **Vice President**, Google Developer Student Club ENIT
- **Media Manager**, G2FOSS ENIT
- **Founder**, Interact Club Megrine