



Contact

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Location: Tunis, Tunisia
Open to Remote / Relocation

AI & Agents

LLM Orchestration, Tool / Function Calling, Multi-Agent Systems, MCP Servers, RAG, Prompt Engineering, SSE Streaming, Voice / TTS (building)
Engineering

Languages
TypeScript, Node.js, NestJS, Angular, Vue, Python, C# / .NET, Next.js

Data
MongoDB, PostgreSQL, SQL Server, Redis, ChromaDB

Cloud & Architecture
AWS, GCP, Docker, CI/CD, Microservices, Event-Driven, REST / Web-Socket

Delivery
Agile, Release Management, OWASP, Cross-Functional Leadership

Languages

Arabic: Native
English: Fluent
IELTS Cert. Band 8, C1
French: Fluent
German: Beginner

Education

MSc Information Systems Engineering & Data
FSEGN, Tunis
Sept 2021 – Jun 2023

BSc Computer Science Applied to Management
FSEGN, Tunis
Sept 2018 – Jun 2021

Summary

Senior AI Software Engineer with 5+ years building production distributed systems, now focused on Applied AI: Bespoke Models, chat, tool-calling, and multi-agent orchestration for enterprise. Arabic native, English IELTS Band 8 (C1). open to remote and relocation

Selected AI / Agent Work

- Multi-Agent Dev Team** | spec-driven multi-agent system
github.com/Moifek/kiro-dev-team
- Vendor-agnostic, Orchestrator delegates to specialized tool-calling agents (builder, validator, reviewer, documenter, tester) with MCP integrations, bounded-retry reasoning loops, and autonomous or interactive modes; tracked via agent KPIs and adopted by co-engineers.
- limadata-mcp** | open-source MCP server (npm)
npmjs.com/package/limadata-mcp
- Authored and published an open-source MCP server with Claude desktop extension that wraps a real-time B2B data API so any AI agent can consume it with zero integration code; recognized by the vendor's CTO.
- Portfolio AI Assistant** | streaming RAG chat agent
moifek.dev
- Provider-agnostic, OpenAI-compatible chat & TTS enabled assistant with grounded context injection and token-by-token SSE streaming, deployed on a production Next.js site.

Experience

- Senior AI Software Engineer** Aug. 2025 – Present
Servicepower USA, McLean Virginia – Remote
- Designed and built a production multi-agent software-delivery system: an orchestrator coordinating tool-calling agents (via MCP) through reasoning and retry loops, adopted across the engineering organization.
 - Led a CTO-mandated company-wide AI initiative, coordinating DevOps, IT, and Security to deploy and integrate MCP servers, defining adoption frameworks and running enablement for technical and non-technical staff.
 - Sole senior engineer on CP, a multi-tenant field service platform serving major international retailers (MediaMarkt, John Lewis & Partners, Best Buy..) on Node.js, FeathersJS, and Angular with MongoDB, deployed across US and EU regions.
 - Own the full engineering lifecycle across a 6-engineer team (architecture, bi-weekly releases, incident response) and act as a key technical-to-non-technical, customer-facing interface across Product, QA, and Customer Success.

- Senior Full-Stack & Software Engineer** Jan. 2024 – Jul. 2025
Inveniam Tunis, Nabeul
- Owned backend and frontend systems, incident triage, deployment pipelines, and release cycles for Inveniam, a computer-vision (Vision AI) field-service SaaS (clients incl. Free, SFR, SIEA) acquired by ServicePower in 2025.
 - Architected Redis-backed event-driven microservices integrated with AWS, enabling fault-tolerant async workflows at scale.
 - Daily cross-functional delivery as the technical interface between Data Science, Customer Success, Product, and Engineering, translating Business requirements into shipped features and unblocking stakeholders.
 - Raised test coverage from near-zero to ~80%, hardened security to OWASP standards, and shipped full-stack features (Strapi, NestJS, Vue.js, PostgreSQL) at a 95% UAT pass rate.

Earlier Experience

- **University Instructor**, FSEGN Nabeul (2023–2024): taught compilers, interpreters, Python, and C# to 170+ students; built the curriculum, exams, and labs.
- **Software & PL/SQL Engineer**, Actia / Cipi (2023): cross-database sync pipelines (PostgreSQL, Firebird, SQL Server) at ~97% accuracy plus ETL feeding a 15+ KPI data warehouse.
- **Junior Full-Stack Developer**, Yesminees (2021–2022): modernized a 20-year-old ERP to a 3-tier REST architecture (.NET, C#, ASP.NET) and shipped Flutter mobile components used commercially.