

Ismail Khlifi

Software Engineer · Agentic AI & Full-Stack



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PROFILE

AI-focused full-stack engineer with hands-on experience building LLM-enabled workflow, evaluation, and automation systems. Skilled in Python, FastAPI, React, TypeScript, PostgreSQL, and Docker. Strong background connecting AI models with backend services, structured data, human review loops, and production workflows.

TECHNICAL SKILLS

AI / Agentic AI · LLMs · Prompt Engineering · LLM-as-judge · AI Evaluation · RAG · Fallback Logic · Guardrails · Human-in-the-Loop · Workflow Automation
Backend · Python · FastAPI · Django · SQLAlchemy · REST APIs · PostgreSQL · Alembic · Redis · Celery
Frontend · React · Next.js · TypeScript · Tailwind CSS · RBAC Dashboards
DevOps & ML · Docker · Git · CI/CD · n8n · Linux · NLP · NLI · PyTorch · TensorFlow · Scikit-learn

EXPERIENCE

Data Science Intern / AI Full-Stack Developer

[MandaNetwork](#)

Feb 2026 - Aug 2026 · Tunisia

- Built AI-enabled workflow and evaluation platform features using React, TypeScript, FastAPI, PostgreSQL/SQLModel, Alembic, and Docker.
- Developed human-in-the-loop AI review flows — AI checks, sanity checks, fallback review, accept/reject decisions, reviewer comments.
- Designed annotation and content-generation workflows supplying LLMs with context, evidence, model answers, and evaluation criteria.
- Implemented automation for task routing, dependencies, approvals, notifications, capacity tracking, and early issue flagging.
- Researched NLP/LLM evaluation: prompt engineering, LLM-as-judge, NLI framing, benchmark analysis, failure-case review.
- Improved accessibility via WCAG 2.2 audits and site rebuild — audit score raised from **5.7** to **9.4**.

Full Stack Engineer

[Wisecool](#)

Jul - Aug 2025 · Tunisia

- Built installment subscription payment system (Next.js + Django), cutting API response time by **30%**.
- Improved calendar, live events, attachments, and public library for a 500+ user production platform.

Data Scientist / Web Developer

[Keepcom](#)

Jun - Jul 2024 · Tunisia

- Analysed 167+ ad campaigns; built predictive ML models (regression, clustering, time-series) with **80%+** accuracy.
- Built company reporting site with Node.js/Express.js, reducing manual reporting effort by **30%**.

ML Engineer & Full-Stack Developer

[DrugIT](#)

Jul - Aug 2024 · Tunisia

- Set up Docker environments and CI/CD workflows for a 5-person team, cutting setup time by **40%**.

PROJECTS

DevLog — AI dev journal — Next.js, Django, Redis, Celery, PostgreSQL, ChromaDB, LLM APIs. github.com/KhlifiIsmail/devlog-frontent

HireKit — ATS resume optimizer — Next.js, TypeScript, Supabase, PostgreSQL, Groq AI. github.com/KhlifiIsmail/HireKit

Editor — Angular library wrapping Monaco Editor — custom themes, pattern detection UI, and coding interview prep. github.com/KhlifiIsmail/Editor

EDUCATION

Engineering Degree in Statistics and Information Analysis (Graduated 2026)

2023 - 2026

ESSAI, University of Carthage

Preparatory Cycle in Mathematics

2021 - 2023

IPEIEM, El-Manar