Wassim Salmi

AI Engineer | Full-Stack (Python, TypeScript, React)
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Nationality: French · **Availability: Immediate** · **Driving licence: B (EU)**



Summary

Full-stack developer focused on AI. I build products on top of LLMs and take them to production: RAG, document extraction with LLMs, AI features in real SaaS products. Python (FastAPI) and TypeScript (React, Next.js, NestJS). 18 months in a three-developer EdTech startup, then complete products as a freelancer. Former bootcamp trainer.

Skills

AI & LLM	LLM APIs (Claude, OpenAI, Mistral), RAG, embeddings, pgvector, document extraction (OCR + LLM), prompt engineering
Back-end	Python, FastAPI, Node.js, NestJS, Express, REST APIs, GraphQL, Java Spring Boot, Celery
Front-end	React, Next.js, TypeScript, Angular, React Native, Redux, Tailwind CSS
Data	PostgreSQL, Prisma, MySQL, Redis
Cloud & DevOps	Docker, AWS, GitHub Actions, Linux, Nginx, Terraform, Ansible
Quality	Jest, Playwright, code review, Git flow, Agile / Scrum
Languages	French (native), English (professional working), Arabic (elementary, currently studying)

Experience

Creator & Developer - Slarz (open source)
Sep 2026 - Present
Open-source scripting language for AI agents - github.com/WassimSss/slarz

- Each script declares what it can read, write and call, the human grants or refuses, and everything is checked before it runs.
- Interpreter written in Rust with zero dependencies: lexer, parser, AST, type and permission checker. Strict static typing, deny by default.

Full-Stack Engineer - MyKnead
Oct 2025 - Sep 2026
Freelance - 1 year - Production management SaaS, web and mobile

- SaaS for bakers and dough trades: production sheets, recipes scaled to any quantity, stock with alerts, kneading machine capacity.
- NestJS / Prisma / PostgreSQL API, Next.js web app, React Native mobile app, shared rules covered by tests, Stripe and RevenueCat.

AI Engineer - ZedTech Agency (AI tutor)
Apr - May 2026
Freelance - RAG product for a training center

- AI tutor that answers only from the school's courses: chunking, embeddings, pgvector search, cited sources. Next.js, Claude, Docker.
- Refusal as a feature: out of scope, the tutor says what it can't do instead of answering with confidence.

Full-Stack Engineer - Digitalis Schooler
Jan - May 2026
Freelance - 5 months - LMS for a training center

- Whole platform: data model, API, four user spaces and deployment. Next.js, TypeScript, PostgreSQL, Prisma.
- Role-based access checked on the API, multi-party e-signature with timestamped proofs. Docker, CI with Jest and Playwright.

Software Engineer, Full-Stack & AI - Linkpick
Oct 2024 - Mar 2026
Apprenticeship - 1 year 6 months - EdTech startup, team of 3 developers

- AI module in Python: CV extraction (PDF and OCR) into schema-constrained JSON with Mistral, job offer classification into the national job taxonomy (ROME).
- Background automation module built alone: Celery and Redis task queue, one worker per task, real-time status.
- Three features built end to end: class scheduling, absences, QR-code attendance (code regenerated every 15 seconds).
- Worked on 16 Java Spring Boot microservices and four front ends (React, then Angular). Proposed the move to NestJS, approved by the team.

Full-Stack Developer - Freelance projects
Mar - Oct 2025
MyCommentAI, Service Asian

- MyCommentAI: Chrome extension that writes LinkedIn comments in the user's tone. FastAPI back end, RAG over their past comments.
- Service Asian: restaurant website and back office (Next.js, Node.js), hardened Nginx, automated TLS, MySQL backups with restore tests.

Technical Trainer - La Capsule
Mar - Aug 2024
Coding bootcamp - 6 months

- Trained 20+ career changers in full-stack JavaScript / TypeScript: React, Next.js, Node.js, React Native. Code reviews, Git flow, clean code.

Education

MSc, Information Systems Architecture (Cloud) - GPA: A — Epitech - RNCP / EQF Level 7 - 2026

- Projects: reinforcement learning (Q-learning, Deep Q-Learning), cloud infrastructure with Terraform and Ansible, security.

Web & Mobile Application Developer — La Capsule - EQF Level 6 - 2024

Web & Mobile Web Developer — AFPA - EQF Level 5 - 2022

AWS Cloud Practitioner Essentials — Amazon Web Services