

Younes LESFER

FULL STACK SOFTWARE & AI ENGINEER

9+ years of experience

younes.lesfer@gmail.com

(+212) 6 97 57 54 48

[GITHUB](#) - [LINKEDIN](#) - [WEBSITE](#)

I turn AI ideas into full-stack products that actually ship. I work across AI engineering, product development, and software architecture to turn vague business needs into usable systems, from early scoping and proof of concept to frontend, backend, deployment, and production-ready delivery.

AI INTEGRATION: Generative AI, LLMs, RAG, Prompt Engineering, LangChain, LangGraph, Vector DBs, OpenAI API, Mistral, Hugging Face, Fine-tuning, Computer Vision, STT

BACKEND: Python, FastAPI, PostgreSQL, REST API, SQLAlchemy, Redis, MongoDB, RabbitMQ, Microservices, PayloadCMS, Pytest

FRONTEND: React, Next.js, TypeScript, React Native, Expo, Tailwind CSS, shadcn/ui, Zustand, Zod, React Query, React Router, Vite, Playwright, Jest, Websockets, Figma

PRODUCTION: Docker, Azure, GitHub Actions, CI/CD, Coolify, Vercel, NGINX, Sentry, Prometheus, Grafana, OpenTelemetry, SonarQube, Git

EXPERIENCE

@ ALTEN Maroc | AUG 2025 - PRESENT

Part of ALTEN Morocco's specialized AI team, delivering internal and client-facing AI solutions end to end, from problem framing and proof of concept to production deployment, adoption support, and technical leadership.

Technical Referent, FEB 2026 - PRESENT

Expanded from AI delivery into technical leadership, combining hands-on project ownership with solution design, architectural decision-making, coordination with stakeholders, and support for engineering quality across the team.

- Provided technical direction across AI projects and supported delivery decisions with management and project stakeholders.
- Led solution and architecture choices on assigned projects while staying involved in implementation quality.
- Coordinated project exchanges with clients and delivery teams.
- Split work, reviewed code, and guided less experienced developers on shared projects.
- Contributed to internal software-engineering quality initiatives and promoted stronger development practices across the team.

Project: Backlight

Backlog maturity assessment platform that ingests backlog items from CSV files, evaluates each story against structured maturity criteria, and exposes both story-level and aggregate results in a reviewable interface.

- Defined the evaluation workflow around concrete backlog maturity dimensions and review criteria.
 - Led the technical design and architecture of the platform.
 - Coordinated client and project-team exchanges to align the product with real backlog review needs.
 - Split implementation work, reviewed code, and guided a junior developer during delivery.
 - Contributed hands-on to the application flow for ingestion, analysis, and results exploration.
- Turned backlog quality into a measurable signal at both story and project level.
 - Helped surface weak backlog items earlier, before they became blockers during delivery.
 - Supported more consistent refinement and planning discussions through structured, reviewable results.
 - Reduced reliance on purely subjective backlog review by framing maturity through explicit criteria.

AI Specialist, AUG 2025 - FEB 2026

Led AI projects from discovery to production, translating operational pain points into concrete solution approaches, validating them through proof-of-concept work, and driving implementation through deployment and usage support.

- Analyzed project workflows and operational pain points to define relevant AI solution opportunities.
- Evaluated possible technical approaches, selected implementation directions, and estimated proof-of-concept effort.
- Built proof-of-concept solutions to validate feasibility before production investment.
- Contributed to production-grade implementation, deployment, and integration in the target environment.
- Supported project teams during rollout and early usage to ensure adoption and practical value.

Project: Hercule

AI-assisted issue extraction workflow that turns vehicle test-session recordings into structured, Jira-ready tickets. Built for teams reviewing long in-cabin test videos and converting observed defects into actionable issues faster.

- Mapped the existing review workflow with the project team to understand how issues were identified, documented, and transferred into Jira.
 - Audited solution options and selected an approach aligned with the project's operational constraints.
 - Delivered the proof of concept, then helped evolve it into a production-ready solution.
 - Deployed the solution in the target environment and supported the team during adoption.
- Reduced a task that took an average of around 20 minutes per ticket manually to an initial demo capable of extracting a ticket in about 30 seconds.
 - Shortened the path from recorded session review to actionable issue creation.
 - Turned a repetitive manual analysis step into a scalable AI-assisted workflow.

@ Second World | JAN 2021 - MAR 2025

Worked with Second World across product-facing and AI-enabled initiatives, contributing first as a frontend engineer on Arenation, then as a full-stack AI engineer on both platform features and AI-powered support tooling.

Full Stack AI Engineer, JAN 2024 - MAR 2025

Expanded into full-stack delivery across AI tooling and platform backend work, covering specification, service design, API development, integration work, and AI feature implementation.

- Analyzed requirements and translated them into technical specifications.
- Built backend services and secure REST APIs for platform features.
- Managed service maintenance, performance, and external API integrations.
- Delivered AI-powered workflows spanning admin interfaces, backend logic, and production integrations.

Project: AI-powered Discord Support Bot

AI-driven Discord support bot built to automate player-support management during tournaments through retrieval-augmented generation and LLM-powered workflows.

Project: Arenation

Continued work on Arenation with a stronger full-stack scope, particularly around user-profile services and backend capabilities supporting platform features.

Frontend Engineer, JAN 2021 - JAN 2024

Built frontend product features for Arenation, translating product and design work into shipped interfaces, integrating backend APIs, and improving performance and reliability across user-facing flows.

- Translated Figma designs into production-ready interfaces.
- Built frontend experiences for player-facing and platform-management features.
- Integrated REST APIs in close coordination with backend engineers.
- Improved frontend performance and validated critical flows with testing.

@MGE | Web Developer | NOV 2017 - NOV 2020

Delivered web products across two tracks: WordPress-based client websites in the earlier phase, then a stronger focus on custom product development through an esports tournament management application.

Project: WordPress Client Websites

Delivered showcase, event, and e-commerce websites on WordPress, with substantial customization work to match client requirements beyond standard theme usage.

Project: Esports Tournament Management Platform

Custom web application created to replace manual tournament-management methods with a dedicated platform handling registrations, brackets, scoring, and administration.

@ALGO Consulting Group | .NET CONSULTANT | MAR 2017 - AUG 2017

Worked on enterprise and mobile projects involving system analysis, UI redesign, technical research, and implementation work across Microsoft and Xamarin technologies.

Project: Enterprise System Modernization

Modernization project for the National Fisheries Office (ONP), focused on redesigning an existing information system with Universal Windows Platform (UWP) and stronger UI consistency.

Project: Loyalty Mobile App

Customer loyalty mobile application for Royal Air Maroc, combining interface design, Xamarin development, and offline-first behavior for a smoother mobile experience.

EDUCATION

Engineering Degree in Computer Science and Software Development

Ecole Marocaine des Sciences de l'Ingénieur (EMSI) - Rabat, Morocco | 2017

CERTIFICATIONS

- IBM AI Developer Specialization (Oct 2024)
- IBM Back-End Development Specialization (Nov 2024)
- IBM Full Stack Software Developer Professional Certificate (In Progress)

LANGUAGES

- Arabic: Native
- French: C2 - Fluent
- English: C1 - Proficient