

Yassir Rzigui

Full-Stack & AI Software Engineer | Remote Specialist | EN / FR / AR
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PROFESSIONAL SUMMARY

Full-Stack and AI Engineer with 5+ years of experience building intelligent web systems and automation pipelines. Skilled in React, Node.js, TypeScript, and Python, with hands-on expertise in LLM workflows, AI integrations, and multilingual data processing. Adept at delivering end-to-end products that combine modern design, clean architecture, and real-world AI functionality.

TECHNICAL SKILLS

- **Frontend:** React, Next.js, TypeScript, TailwindCSS
- **Backend:** Node.js, Express, FastAPI, Django REST
- **AI & Data:** Python, LangChain, OpenAI API, Perplexity API, RLHF, Hugging Face
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Cloud & DevOps:** AWS, Docker, GitHub Actions, CI/CD
- **Testing:** Jest, Cypress
- **Languages:** English (Advanced), French (Native), Arabic (Native)

EXPERIENCE

Sigma Group

Full-Stack & AI Engineer – (Remote, Full-time)

Jan 2024 - Present

- Developed AI-integrated internal tools and dashboards used by global annotation teams.
- Built LangChain pipelines linking Python NLP scripts with React admin panels.
- Automated validation workflows using GitHub Actions and Docker, reducing manual review by 40%.
- Collaborated with ML engineers to align AI model outputs with real-time human feedback.

Contract AI

Feb 2024 – Jul 2025

Software Engineer – (Remote, Contract)

- Designed and developed a legal document automation platform with Next.js, Node.js, and PostgreSQL.
- Integrated AI APIs for clause extraction and document summarization.
- Deployed architecture on AWS with CI/CD, ensuring high scalability and reliability.

Outlier AI

Feb 2024 - Present

AI Workflow Engineer – (Remote)

- Fine-tuned LLMs using RLHF and automated data validation tasks in Python.
- Reduced manual QA by 15 hours weekly and achieved 97% accuracy across multilingual datasets.

Freelance

Apr 2021 – Dec 2023

Full-Stack Developer – (Remote)

- Delivered 25+ SaaS projects for clients in e-commerce, health, and education.
- Integrated AI features like chatbots, recommendation systems, and smart search using OpenAI APIs.
- Built and deployed scalable systems with React, Node.js, and MongoDB.

RWS Group

Nov 2023 - Jan 2025

AI Data Quality Specialist – (Remote)

- Evaluated machine translation and semantic similarity models in Arabic–French.
- Developed linguistic frameworks for translation quality improvement.

SELECTED PROJECTS

Profile Builder (2024–Present) – AI-powered portfolio generator that builds professional profiles by analyzing public data from links, IMDb, and YouTube using **Next.js, Node.js, and the Perplexity API**. Implements autonomous web search, data parsing, and portfolio generation with smart prompt engineering.

CineDiscover (2024–Present) – Intelligent movie recommendation platform using **Next.js, FastAPI, and OpenAI API**. Pulls live data from IMDB and TMDB APIs and uses AI-based natural language input to suggest matching movies based on user descriptions.

Contract AI (2024) – Automated legal document generation tool built with **Node.js, PostgreSQL, and LangChain**, capable of extracting clauses and generating full contracts.

TrendFlow SaaS (2023) – AI-driven market trend detection system using **Next.js, FastAPI, and OpenAI embeddings**, identifying semantic market patterns in real time.

EDUCATION & CERTIFICATIONS

- **Digital AI Architect** – Full-Stack & Intelligent Systems, Digital Maroc School (2025)
- **Backend Software Engineering**, ALX Africa (Certificate ID: G5hR3r7Mzn)
- **Founder Academy Graduate** – ALX / MasterCard Foundation (2025)
- **AI Career Essentials & Professional Foundations** – ALX Africa
- **B.Sc. Food Science** – Faculty Polydisciplinaire, Morocco

REMOTE COLLABORATION

- 5+ years of async experience working with global remote teams across US, EU, and MENA.
- Excellent in documentation, Git-based collaboration, and Agile sprints.

PROFESSIONAL STATEMENT

Focused on building AI-powered web systems that combine automation, intelligence, and seamless user experience to deliver scalable, human-centered solutions.