

# 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

<b>Sigma Group</b> <i>Full-Stack &amp; AI Engineer – (Remote, Full-time)</i>	<b>Jan 2024 - Present</b>
<ul style="list-style-type: none"><li>• Developed AI-integrated internal tools and dashboards used by global annotation teams.</li><li>• Built LangChain pipelines linking Python NLP scripts with React admin panels.</li><li>• Automated validation workflows using GitHub Actions and Docker, reducing manual review by 40%.</li><li>• Collaborated with ML engineers to align AI model outputs with real-time human feedback.</li></ul>	
<b>Contract AI</b> <i>Software Engineer – (Remote, Contract)</i>	<b>Feb 2024 – Jul 2025</b>
<ul style="list-style-type: none"><li>• Designed and developed a legal document automation platform with Next.js, Node.js, and PostgreSQL.</li><li>• Integrated AI APIs for clause extraction and document summarization.</li><li>• Deployed architecture on AWS with CI/CD, ensuring high scalability and reliability.</li></ul>	
<b>Outlier AI</b> <i>AI Workflow Engineer – (Remote)</i>	<b>Feb 2024 - Present</b>
<ul style="list-style-type: none"><li>• Fine-tuned LLMs using RLHF and automated data validation tasks in Python.</li><li>• Reduced manual QA by 15 hours weekly and achieved 97% accuracy across multilingual datasets.</li></ul>	
<b>Freelance</b> <i>Full-Stack Developer – (Remote)</i>	<b>Apr 2021 – Dec 2023</b>
<ul style="list-style-type: none"><li>• Delivered 25+ SaaS projects for clients in e-commerce, health, and education.</li><li>• Integrated AI features like chatbots, recommendation systems, and smart search using OpenAI APIs.</li><li>• Built and deployed scalable systems with React, Node.js, and MongoDB.</li></ul>	
<b>RWS Group</b> <i>AI Data Quality Specialist – (Remote)</i>	<b>Nov 2023 - Jan 2025</b>
<ul style="list-style-type: none"><li>• Evaluated machine translation and semantic similarity models in Arabic–French.</li><li>• Developed linguistic frameworks for translation quality improvement.</li></ul>	

## SELECTED PROJECTS

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**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

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- **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

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- 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

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