

Souhail Azzimani

AI Software Engineer | LLMs, AI Agents & RAG

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Open to relocation and remote opportunities

Summary

Software engineer graduating in 2026, specializing in generative AI applications and production-oriented software systems. Hands-on experience designing document-intelligence workflows with LLMs, AI agents, OCR, RAG, embeddings, semantic search, and vector databases, supported by backend and full-stack development across Python, FastAPI, Spring Boot, ASP.NET Core, React, and SQL.

Technical Skills

AI & Document Intelligence – LLMs, AI agents, RAG (Retrieval-Augmented Generation), LangChain, LangGraph, embeddings, OCR, NLP, semantic search, Qdrant, vector databases, prompt engineering, tool calling, PyTorch, TensorFlow
Programming & Backend – Python, FastAPI, Java, C#, TypeScript/JavaScript, ASP.NET Core, Spring Boot, NestJS, REST APIs, JWT/RBAC

Frontend – React, Next.js, Vite

Data & Infrastructure – PostgreSQL, SQL Server, MySQL, Docker, AWS, Microsoft Azure, DigitalOcean, Git, CI/CD, Redis, MinIO

Experience

AI Software Engineer Intern – Final-Year Project | GIDNA

Casablanca, Morocco | Feb 2026 – Present

Python, FastAPI, LLMs, LangChain/LangGraph, OCR, RAG, Qdrant

- Designing AI agents for construction-domain automation, including document analysis, cost-estimation support, and pre-construction preparation across technical and contractual workflows.
- Built document-intelligence workflows to ingest and analyze technical specifications, bills of quantities, contracts, appendices, quotations, and technical proposals.
- Implemented RAG workflows with LangChain/LangGraph, embeddings, semantic search, and Qdrant to retrieve relevant document context.
- Developed Python/FastAPI services for structured extraction, natural-language question answering, and summaries of contractual obligations, scope boundaries, constraints, and project risks.
- Prototyped and tested the architecture on anonymized documents and documented the technical approach.

Full-Stack Software Engineer Intern | Tasmim Web

Marrakech, Morocco | Jul 2025 – Sep 2025

Spring Boot, React, Vite, REST APIs, JWT, RBAC, Swagger

- Delivered a pilot teleconsultation platform used by 50+ patients, covering consultation workflows, real-time chat, geolocation, payments, and administrative modules.
- Developed REST APIs secured with JWT and role-based access control, documented them with Swagger, and integrated the responsive React frontend.

Software Developer Intern | Tasmim Web

Marrakech, Morocco | Jul 2024 – Aug 2024

React, ASP.NET Core, SQL Server, Git

- Built an internal application with 6 CRUD modules and responsive React interfaces integrated with ASP.NET Core APIs and SQL Server.
- Added unit tests and contributed through Git branches, pull requests, and code reviews, helping reduce production bugs by approximately 20%.

Selected Projects

NestyRest – Premium-Stay Booking Platform | Freelance

.NET Core, React, Stripe, SQL Server

- Developed a booking platform with property discovery, search, customer journeys, lead generation, online payments, and an owner back office for listings, availability, calendars, and customer requests.

ProConnect Morocco – Services Marketplace | Academic Project

ASP.NET Core, React, SQL Server, Dialogflow

- Built a multi-role marketplace with JWT authentication, photo-based listings, advanced search, ratings, and a Dialogflow chatbot.

Education

EMSI – École Marocaine des Sciences de l'Ingénieur, Morocco

Engineering Degree in Computer Science & Networks | Expected Sep 2026

Certifications and Languages

Certifications – Software Engineering: Software Design and Project Management – The Hong Kong University of Science and Technology; Building Scalable Java Microservices with Spring Boot and Spring Cloud – Google

Languages – Arabic – Native | French – Fluent | English – Professional