

SANOUSSA BARRY

Full-Stack Developer & AI Engineer / Building Smart and Scalable Web Solutions

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Portfolio: sanoussabarry.com

GitHub: github.com/Ai-ENGINEER-s

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Languages: French (Native) | English (Fluent – spoken and written)

Professional Experience

➤ Dreamaker Productions (Casablanca, Morocco)

Lead Developer – Next.js & Artificial Intelligence

August 2024 – Present

- Developed the official website using **Next.js 14+ (App Router)**, **TypeScript**, and **Framer Motion**.
- Focused on creating responsive, interactive, and SEO-optimized user interfaces.
- Led the full-stack development with an emphasis on UX, performance, and component architecture.

➤ DIGITAR (Belgium)

AI Engineer / Full-Stack Developer –NEXT JS

February 2024 – August 2024

- Built an AI-powered chatbot system integrating **Next.js** and **PostgreSQL**, deployed on an **AWS EC2 Linux server**.
- Used **Docker** and `docker-compose` to containerize the entire app for local development and production.
- Implemented a **Retrieval-Augmented Generation (RAG)** pipeline with LLMs and PDF parsing.
- Automated blog content creation using AI agents with Crewai.

➤ Hightech Governance Systems (Casablanca)

Full-Stack Developer Intern

February 2023 – June 2023

- Created a full-stack web platform for articles and Q&A using **Spring Boot** and **Angular**.
- Implemented user authentication, CRUD functionality, and structured API endpoints.

➤ Technical Skills

- **Frontend:** Next.js 14+, React Server Components, TypeScript, Tailwind CSS, Framer Motion
- **Backend:** Node.js, PostgreSQL, REST APIs, JWT
- **DevOps:** Docker, docker-compose, AWS EC2, GitHub Actions.
- **Workflow:** Git, GitHub, Agile (Scrum) .
- **AI:** LLMs, LangChain, RAG, CrewAI, AI-based automation

Key Projects

- **Dreamaker Production** – dreamakerproduction.com
A production-grade website built using **Next.js 14 (App Router)** and **Framer Motion**. Fully responsive and SEO-optimized, developed from scratch with a strong focus on frontend architecture and performance.
- **Rybisae Robotics** – rybisaerobotics.com
Interactive and modern website developed using **TypeScript**, **Next.js**, and **responsive web design** for a robotics company.
- **Chat with PDF (DIGITAR)**
A full-stack application using **Next.js**, **Prisma**, **PostgreSQL**, and **Docker**, deployed on **AWS EC2**. Enables natural language interaction with PDF files via **RAG-based AI chatbots**.

Education

State Engineering Degree in Computer Science

Mundiapolis University, Casablanca — 2021 – 2024