

# Youssef Sina

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## Profile

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Full-Stack Developer with experience in building secure, high-performance, and scalable web applications. Proficient in JavaScript, PHP, Python, and several modern frameworks. Currently in the final year of a Full-Stack Development diploma at CMC Agadir (OFPPT). Interested in backend architecture, APIs, authentication systems, and modern interface development.

## Technical Skills

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**Languages:** Python, PHP, JavaScript, SQL, Bash

**Frameworks:** React, FastAPI, NumPy, Laravel

**Databases:** MySQL

**Tools:** Git, Linux, VS Code

## Projects

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### SecureAuth Architecture

- Professional authentication infrastructure with a decoupled Next.js frontend and FastAPI backend.
- Implemented Role-Based Access Control (RBAC) and automatic JWT rotation.
- Reduced state management complexity by 40% using Redux Toolkit Query.
- Achieved API response times under 100ms using asynchronous FastAPI and optimized Pydantic schemas.
- Technologies: Next.js, TypeScript, FastAPI, Redux Toolkit, Tailwind CSS.

### Student Management System (React & Laravel)

- Developed a decoupled Full-Stack system: Laravel REST API + React interface.
- Managed global state and authentication via Redux Toolkit.
- Secured endpoints with Laravel Sanctum and protected routes via custom React hooks.
- Designed relational models for grades, attendance, and professor evaluations.
- Technologies: React, Redux Toolkit, Laravel 10, MySQL, Bootstrap 5.

## Education

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**CMC Agadir (OFPPT)** — Full-Stack Development Diploma *2024–Present*

**FS Agadir** — Physics Studies (1st Year) *2023–2024*

**Scientific Baccalaureate** *2023*

## Personal Skills

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**Languages:** Arabic (Native), English (B2), French (B1)

**Soft Skills:** Teamwork, Problem Solving, Adaptability