

# Oussama Hmoura

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## WORK EXPERIENCE

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### Harmony Technology

Jan. 2023 – Present

*FullStack Developer*

*Rabat, MA*

- Re-engineered backend for medical professionals into microservices, utilizing HTTP and Redis stream for seamless connectivity and efficiency.
- Developed backend platform for medical professionals to access certifications, courses, and events, with an administrative backoffice for streamlined management.
- Developed backend system S.I.S(student information system) for teachers to manage students and admins to oversee all users. Integrated features such as exams, downloadable courses, schedules, virtual classrooms, and homework assignments. Implemented chat functionality for student interaction.
- Developed a straightforward backend system for RFID tracking, enabling logging of detected tags for efficient monitoring and management.
- Redesigned the user interface of Koha, an open-source Integrated Library System (ILS), to improve usability and meet the needs of library staff and patrons. The redesigned interface resulted in a more modern and intuitive user experience
- Developed dynamic agenda, gallery, and asset assignment sections for SAM(SMART.ASSETS.MANAGER)'s web application frontend, integrating real-time notification features on both backend and frontend to enhance team communication and user experience.
- Converted a static HTML gallery website to a dynamic Next.js platform and established a backend system for artwork uploads, enhancing functionality and user engagement.

### Beyond Expertise

October 2019 – December 2022

*FullStack Developer*

*Rabat, MA*

- Developed an E-Learning web application offering both free and paid courses, complete with a progress tracking system and certification feature
- Led the creation of a user-friendly school website, enhancing access to school information and events through intuitive web forms and streamlined navigation.
- Engineered a billing application with backend processing for accurate calculations and database storage, implementing a serial number assignment system for tracking and archival purposes.
- Designed and developed two unique company websites and a restaurant website, each tailored to showcase information effectively and enhance user engagement.

## EDUCATION

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**Institut Spécialisé dans les Métiers de l'Offshoring et les Nouvelles Technologies de l'information et de la Communication**

*Techniques de Développement Informatique*

2018-2020

**Institut Spécialisé dans les Métiers de l'Offshoring et les Nouvelles Technologies de l'information et de la Communication**

*Technicien en Maintenance et Support Informatique et Réseaux*

2016-2018

## SKILLS & INTERESTS

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- **Skills :** Python, JavaScript, CSS3, HTML5, SQL, ORM libraries, web frameworks (Django, Flask), Reactjs, Vuejs, Nextjs, Nestjs, Git, web scraping, problem-solving skills, communication skills, data visualization, SOLID design pattern, Agile frameworks, Redis, microservices.
- **Interests :** Guitar playing, motorcycle riding, coding, music, cafes, mindfulness, coding competitions