

Hassen Ben Hadj Hassen

[Portfolio](#) • [Github](#) • [LinkedIn](#)

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PROFESSIONAL SUMMARY

Full-stack developer with 3+ years of experience delivering production-ready applications across SaaS, health tech, and government sectors. Proven track record of reducing operational costs through self-hosted infrastructure solutions and building AI-integrated features serving thousands of users. Currently in the process of obtaining a self-employed visa for France and seeking opportunities to leverage deep expertise in TypeScript, React, Node.js, and DevOps to drive technical innovation and deliver high-impact solutions.

KEY ACHIEVEMENTS

- Saved \$180+ annually per user by implementing self-hosted email infrastructure at Trinibuy
- Achieved 99% uptime for e-commerce platform, preventing thousands in lost revenue
- Built an open-source React package with 1.5k+ weekly downloads and an active community
- Delivered 500% business growth through optimized web presence for Pinheiro Bat

PROFESSIONAL EXPERIENCE

Proxym – Software Engineer Intern	Sep 2025 – Present
<ul style="list-style-type: none">• Developed a diabetes management app using React, Node.js, MongoDB, and Prisma.• Built features for blood sugar tracking, AI-powered meal logging, and reducing manual entry time.• Integrated a GPT-based chatbot for safe, empathetic patient guidance.• Designed dashboards and PDF exports for doctors' use.	
Celestial Wave Digital – Software Developer Intern	May 2025 – July 2025
<ul style="list-style-type: none">• Collaborated on the frontend of Alemni, the company's flagship educational platform, focusing on responsive design and clean UI components for seamless user experience.• Built reusable React components and dynamic pages using modern web technologies.• Worked closely with designers to ensure pixel-perfect implementations and improved UI accessibility.	
Trinibuy LTD – Software Developer	Dec 2023 – Present
<ul style="list-style-type: none">• Built and maintained full-stack web apps serving 500+ daily users, improving mobile responsiveness by 40%.• Secured 10+ client portals with Nginx & Certbot, achieving 100% SSL compliance• Created custom WordPress tools to automate workflows.• Implemented self-hosted iRedMail solution replacing third-party providers, saving \$15+/month per user (estimated \$180+ annual savings per employee for a growing team)	
Inrits – FullStack Developer	Jan 2023 – May 2024
<ul style="list-style-type: none">• Led development of the GPI platform showcased at the Dubai World Police Summit, focusing on backend optimization and intuitive UI.• Automated deployment pipelines using Docker and AWS, reducing manual effort and streamlining updates.• Restructured database schemas and queries, improving platform responsiveness and maintainability.	
Safari – Web Developer	Oct 2022 – Jan 2023
<ul style="list-style-type: none">• Delivered responsive designs in React to improve customer flow across key pages.• Integrated Google Maps to enhance navigation for location-based services.• Reconfigured hosting and DNS infrastructure, achieving 99% uptime from previous intermittent outages, directly improving SEO rankings and customer trust.• Introduced Google Workspace to streamline team collaboration and reduce meeting load.	

SKILLS

Frontend: React.js, HTML5, CSS3, JavaScript, Typescript, Responsive Design

Backend: Node.js, Express.js, Laravel, PHP, REST APIs, GraphQL

Database: MongoDB, Prisma ORM, MySQL, Database Optimization

DevOps: Docker, AWS, Nginx, CI/CD, Git, Linux Administration

Tools: WordPress, iRedMail, Certbot, Google Workspace

PROJECT EXPERIENCE

Global Police Indicators (GPI) - [Link](#)

React, Leaflet, JSON DATA

Built a frontend dashboard for the Dubai World Police Summit, visualizing global policing data with dynamic charts and interactive Leaflet maps, and delivering a clean, responsive, and accessible UI for non-technical users.

CardioPro - [Link](#)

Laravel, Symfony, PHP

Developed and maintained CardioPro, a leading French provider of automated external defibrillators (DAE), offering sales, rentals, technical support, and educational resources on cardiac health and CPR. Known for excellence, the website ranks among the top 5 on Google in its field.

React Smooth Scroll Package - [Link](#)

React.js

Lightweight NPM package (1.5k+ weekly downloads) providing **butter-smooth scrolling animations with customizable easing functions and a 2KB gzipped size**

RESTAURATEUR EBENISTERIE BRONZES & PENDULE - [Link](#)

Wordpress

Fully responsive corporate website for **RESTAURATEUR EBENISTERIE BRONZES & PENDULE**, crafted with WordPress, Elementor, PHP, and MySQL. Deployed via Docker and Nginx with SSL, SEO optimization, image compression, and GDPR-compliant contact forms for a secure and high-performing user experience.

Portfolio - [Link](#)

React.js

Showcases a collection of my web development projects, including full-stack applications, open-source packages, and real-world client work.

Education

The Complete Full-Stack Web Development Bootcamp by Angela Yu – Udemy

Self-taught Developer, focused on modern full-stack tools (React, Node.js, WordPress)

Languages

Arabic - Native

English - Professional

French - Intermediate