Hassen Ben Hadj Hassen

[Portfolio] ● [Github] ● [LinkedIn]

Sousse, Tunisia ● hassenbenhadjhassen@gmail.com ● +216 25 448 896

PROFESSIONAL SUMMARY

Full-stack developer with 3+ years delivering production-ready applications across SaaS, health tech, and government sectors. Reduced operational costs by implementing self-hosted solutions, improved platform responsiveness through database optimization, and built AI-integrated features serving thousands of users. Seeking to leverage expertise in TypeScript/React/Node.js and DevOps to drive technical innovation.

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 open-source React package with 1.5k+ weekly downloads and active community
- Delivered 500% business growth through optimized web presence for Pinheiro Bat

PROFESSIONAL EXPERIENCE

Proxym – *Software Engineer Intern*   Sep 2025 – Present

- Developed a diabetes management app using React, Node.js, MongoDB, and Prisma.
- Built features for blood sugar tracking, AI-powered meal logging, **reducing manual entry time**.
- Integrated a GPT-based chatbot for safe, empathetic patient guidance.
- Designed dashboards and PDF exports for doctor use.

Celestial Wave Digital – *Software Developer Intern*   May 2025 – July 2025

- 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

- 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

- 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

- 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 2KB gzipped size**

Pinheiro Bat - Plombier Sartrouville - [Link](#)
HTML, CSS, JS
Developed a modern, responsive website for Pinheiro Bat, a trusted plumbing and heating company in Sartrouville. The site showcases their expertise in installations, renovations, and emergency services, featuring a user-friendly interface and clear service offerings. Since its launch, the website has significantly enhanced the company's online presence, leading to increased client inquiries and business growth by over 500%.

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, DevOps)

Languages

Arabic - Native
English - Professional
French - Intermediate