

# Hassen Ben Hadj Hassen

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

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## PROFESSIONAL SUMMARY

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Results-driven Full-Stack Software Engineer with 3+ years of experience delivering production-grade web applications across SaaS, health tech, and public-sector platforms. Proven ability to reduce infrastructure costs, improve system reliability, and optimize performance for applications serving 500+ daily users. Strong expertise in React, Node.js, TypeScript, DevOps, and self-hosted infrastructure. Open to full-time opportunities in France.

## KEY ACHIEVEMENTS

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- Reduced infrastructure costs by **€180+ per user per year** by migrating enterprise email systems to a self-hosted iRedMail solution
- Improved platform reliability from **~95% to 99% uptime**, preventing revenue loss during peak traffic
- Built and maintained an open-source React package with **1.5k+ weekly downloads**
- **Increased click-through and engagement metrics by up to 500%** through performance optimization, SEO and UX improvements

## PROFESSIONAL EXPERIENCE

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**Trinibuy LTD** – *Full-Stack Software Engineer*

Dec 2023 – Present

- Built and maintained **full-stack SaaS applications** using **React, Node.js, MongoDB, and Prisma**, supporting **500+ daily active users**
- Developed **data-driven dashboards** and optimized frontend rendering for large datasets, **improving decision-making speed** for internal teams
- Implemented **secure authentication and role-based access control**, strengthening application security and user isolation
- Designed and optimized **REST APIs**, **reducing response times** and improving long-term maintainability
- Delivered **AI-assisted features** (automated logging and data analysis), **reducing manual user input and support overhead**
- Improved mobile responsiveness and frontend performance, **increasing mobile engagement by 40%**
- Containerized applications with **Docker** and deployed on **AWS**, **cutting manual deployment effort by 30%**
- Maintained **Linux servers, CI/CD pipelines, and monitoring systems**
- Implemented **self-hosted iRedMail infrastructure**, **saving €180+ per user annually**
- Secured **10+ client portals** using **Nginx + Certbot**, achieving **100% SSL compliance**

**Inrits** – *Full-Stack Developer*

Jan 2023 – May 2024

- Led development of the [Global Police Indicators \(GPI\)](#) platform, **showcased at the Dubai World Police Summit**
- **Built and maintained scalable backend services**, supporting analytics dashboards and data-intensive public-sector applications
- Built analytics dashboards visualizing **large-scale public-sector datasets**, enabling non-technical stakeholders to extract insights
- Optimized frontend performance and responsiveness, improving usability for decision-makers
- Automated deployments using **Docker and AWS**, **reducing deployment effort by 30%+**
- Refactored database schemas and queries, **improving response times and system maintainability**

- Delivered responsive React interfaces, improving user flow across key pages
- Integrated **Google Maps APIs** for location-based services
- Reconfigured hosting and DNS infrastructure, achieving **99% uptime**
- Improved **SEO performance and user trust** through SSL and infrastructure upgrades

## SKILLS

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**Frontend:** React, TypeScript, JavaScript, HTML5, CSS3, Responsive Design

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

**Testing:** Jest, Cypress, React Testing Library, PHPUnit

**Database:** MongoDB, MySQL, Prisma ORM, Database Optimization

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

**Tools:** Git, WordPress, iRedMail, Certbot

## PROJECT EXPERIENCE

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**CardioPro** - [Link](#)

*Laravel, Symfony, PHP*

Developed and maintained a platform for a **leading French DAE (defibrillator) provider**, covering sales, rentals, technical support, and CPR education. The website **ranks in the top 5 Google results** in its domain.

**React Smooth Scroll Package** - [Link](#)

*React.js*

Open-source NPM package with **1.5k+ weekly downloads**, delivering **butter-smooth scrolling animations** with customizable easing functions and a **2KB gzipped footprint**.

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

*Wordpress*

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

## Languages

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**Arabic** - Native

**English** - Professional

**French** - Intermediate (*working proficiency; improving*)

## Education

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

*React, Node.js, REST APIs, WordPress*