Mortadha Houch Frontend Developer

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🪪 Profile

Frontend Developer with expertise in modern JavaScript frameworks and cross-platform mobile development. Specialized in building responsive, high-performance web applications using **React, Angular, and Ionic**, with strong focus on user experience optimization and pixel-perfect UI implementation.

🎓 Education

Full Stack software Development, *Coding Dojo*   12/2024 – 05/2025
Comprehensive full-stack development program covering modern web technologies   Ariana Tunisia
and industry best practices
Core Technologies Mastered:
- **Frontend Development** - React.js ecosystem with component-based architecture, state management, and responsive UI design
- **Backend Development** - Node.js/Express.js and Python/Flask for RESTful API development and server-side logic
- **Enterprise Frameworks** - Angular for scalable web applications and Spring Boot for robust Java-based backend services
- **Database Management** - MySQL for relational database design, optimization, and complex query development
- **Full-Stack Integration** - End-to-end application development with seamless frontend-backend communication

Thermal engineering and renewable energies, *Higher institute of technological studies*   09/2019 – 07/2022
Specialized in sustainable energy systems, thermodynamics, and energy efficiency   Tataouine, Tunisia
optimization
Core Competencies Developed:
- **Analytical Problem-Solving** - Mastered systematic approaches to complex technical challenges and mathematical modeling
- **System Optimization** - Applied thermodynamic principles to maximize efficiency and minimize resource waste
- **Data Analysis** - Interpreted technical measurements, performance metrics, and system behaviors
- **Technical Documentation** - Created detailed reports, specifications, and analysis documentation
- **Project Coordination** - Managed research projects with strict deadlines and technical requirements

📇 Certificates

Responsive web design
- Learned HTML5, CSS3, Flexbox, and Grid
- Built mobile-friendly, accessible web layouts
- Creating mobile-friendly, accessible websites using HTML5, CSS3, ensuring optimal user experiences across devices.
- Focused on responsive UI/UX across devices

Mobile development
- Developed cross-platform mobile apps for iOS and Android
- Focused on performance optimization and UI/UX design
- Integrated APIs and managed app state with Redux.

🧠 Technical Skills

- HTML5
- CSS3
- Javascript
- Typescript
- Bootstrap
- TailwindCSS
- ShadCN UI
- Aceternity UI
- Gsap
- Framer-motion
- Three JS
- React JS
- React Native
- Tanstack Query
- Zod
- Redux Toolkit
- Zustand
- Angular
- Ionic Framework
- Rxjs

🧩 Soft Skills

Problem Solving

Team Collaboration

Continuous Learning

🧩 hard Skills

Responsive UI/UX Design

Version Control & Team Collaboration (Git)

performance Optimization

Cross-Platform Mobile App Development

🌐 Languages

- Arabic
- French
- English

💼 Design & Productivity Tools

Adobe XD

Figma

Adobe Illustrator

Microsoft office suite

Canva

Framer

Webflow

VS Code

Android Studio

💼 Professional Experience

Full Stack Software Developer, *Hippomed AI*   05/2025 – Present
Tunis Tunisia

- **Architected responsive healthcare dashboards** using Angular with component-based architecture, improving user engagement by implementing intuitive data visualizations and real-time patient monitoring interfaces
- **Optimized application performance** through lazy loading, OnPush change detection, and RxJS operators, reducing initial load time and enhancing user experience across medical workflows
- **Developed cross-platform mobile applications** using Ionic Framework with Angular integration, delivering consistent UI/UX across iOS and Android platforms for healthcare professionals
- **Collaborated with UX/UI designers** to translate Figma designs into pixel-perfect, accessible interfaces following healthcare industry standards.

Full Stack Web Developer, *WowSoft*   07/2024 – 08/2024
Tataouine, Tunisia

- **Built modern web applications** using Next.js with TypeScript, implementing server-side rendering (SSR) and static site generation (SSG) for optimal performance and SEO
- **Designed responsive user interfaces** with TailwindCSS and shadcn/ui components, ensuring a consistent design system across all application screens and device breakpoints
- **Integrated RESTful APIs** with efficient data fetching strategies using React Query and SWR, implementing proper loading states, error handling, and cache management for enhanced user experience
- **Implemented type-safe frontend architecture** using TypeScript, reducing runtime errors and improving code maintainability.
- **Optimized bundle sizes** through code splitting, tree shaking, and dynamic imports, achieving faster page load time.