

Jassem Souey

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Profile

Software developer with over two years of professional experience in developing SaaS platforms, blockchain, and AI-powered applications through internships and freelance work. Specialized in React and Next.js frontend development with Spring Boot and Node.js backends. Holds an Engineering degree in Computer Sciences (Sept. 2025), seeking full-stack positions.

Experience

Front-End Developer, Chain Industries — Tunis, Tunisia Dec 2022 – Present

- Developed responsive and high-performance user interfaces for trading and cryptocurrency platforms.
- Modernized UI/UX by integrating smooth animations and contemporary design.
- Implemented Web3 libraries to connect digital wallets and interact with token and blockchain transactions.
- Built a real-time chess game Telegram application with integrated crypto wallet functionality.
- Audited and improved performance: increased Lighthouse score from 28 to 56 by reducing load times and optimizing resources.

Technologies: React, Next.js, Tailwind CSS, Framer Motion, Web3 (Wagmi, Moralis)

Full-Stack Developer (Final Year Project), IT-GROW — Ariana, Tunisia Feb 2025 – Jul 2025

- Designed and implemented MYCO, an AI-powered SaaS platform for internship management.
- Integrated AI automation: task and sprint generation, intern recommendations, and quiz creation from resumes using LLMs with schema validation and human-in-the-loop supervisor validation.
- Developed core business modules: role-based authentication, company profile setup, project-sprint-task lifecycle, performance and analytics dashboards.
- Implemented real-time communication using WebSocket with polling fallback solutions.
- Ensured security through JWT-based access control, rate limiting with Redis, and input sanitization.

Technologies: React (Vite), Spring Boot, FastAPI, PostgreSQL, Redis, WebSockets, Firebase, Flyway

Full-Stack Developer (Freelance) — Remote Jan 2023 – Feb 2025

- Delivered full-stack web applications for diverse clients (crypto platforms, artists, small businesses), translating requirements into solutions.
- Managed the full project lifecycle from client consultation to deployment, ensuring timely delivery and adherence to specifications.

Technologies: React, Next.js, Tailwind CSS, Framer Motion, Firebase, Web3, i18n

Front-End Developer, Stable Labs — Remote (Prague, Czech Republic) Aug 2024 – Sep 2024

- Contributed to a financial platform enabling seamless access to tokenized real-world assets.
- Delivered intuitive user interfaces promoting accessibility and global inclusivity.

Technologies: React, Tailwind CSS, Web3, REST API

Full-Stack Developer, Algosama Jul 2024 – Aug 2024

- Developed a real estate platform with property listings and user management features.
- Implemented a secure authentication system and robust backend services for data management.

Technologies: React, TypeScript, Apollo Client, Node.js, Express, MongoDB, JWT

Full-Stack Developer, Esprit — Remote Jul 2023 – Aug 2023

- Developed a team and project management system with collaborative features.
- Implemented project creation workflows, task assignment mechanisms, and performance tracking dashboards.

Technologies: Spring Boot, React, PostgreSQL, REST API

Academic Projects

React Native Expo Portfolio Application 2024

- Developed a mobile portfolio application showcasing educational background, projects, and skills with animated UI components and responsive navigation.

Technologies: React Native, Expo, Tailwind CSS, Framer Motion

Skills

Languages: JavaScript, TypeScript, Java
Front-End: React, Next.js, Tailwind CSS, Framer Motion, React Native, Expo
Back-End: Node.js, Express.js, Spring Boot, FastAPI, GraphQL, REST API
Databases: PostgreSQL, MongoDB, MySQL, Prisma
Tools & Others: Git/GitHub, Firebase, WebSockets, Web3 (Wagmi, Moralis, ethers.js)

Education

Engineering Degree in Computer Science 2022 – 2025

National School of Computer Sciences (ENSI)

Preparatory Cycle for Engineering Studies 2020 – 2022

Preparatory Institute for Engineering Studies of Tunis (IPEIT)

Baccalaureate 2016 – 2020

Lycée Pilote Bourguiba (LPBT)

Languages

French (C1 – Professional Proficiency) — English (Professional Proficiency)