



Profile

Software developer with three 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.

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)	

Experience

Full-Stack 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.
- Rolled out FLOW to 3,500+ active users with instant social-login wallets, cross-chain swapper (Swing SDK), gamified referral dashboard, and animated membership flows.
- Implemented Web3 libraries to connect digital wallets and interact with token and blockchain transactions.
- Secured a social media application with multi-factor authentication (2FA) supporting email, SMS, and authenticator apps.
- 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), Node.js, OAuth, TOTP

Full-Stack Developer (Final Year Project), IT-GROW — Ariana, Tunisia

Feb 2025 – Jul 2025

- Developed core business modules: role-based authentication, company profile setup, project-sprint-task lifecycle, performance and analytics dashboards.
- 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.
- Implemented real-time communication using WebSocket with polling fallback solutions.
- Ensured security through JWT-based access control, rate limiting with Redis, and input sanitization.
- Containerized the full stack with Docker Compose for consistent local and CI environments.
- Wrote unit and integration tests (Jest + React Testing Library for frontend; JUnit + Spring Boot Test for backend)

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

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

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, Docker, WebSockets, Web3 (Wagmi, Moralis, ethers.js) ,Langchain

Languages

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