

BEDHIAFI OKBA

SOFTWARE ENGINEER

CONTACT

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TECHNICAL SKILLS

- Programming Languages:** JavaScript, TypeScript, Java, PHP, C, C++
- Frameworks & Libraries:** React, Next.js, NestJS, Express.js, Symfony, Angular
- Databases:** MongoDB, PostgreSQL, MySQL
- Tools & Platforms:** Docker, Git, Linux, Jira, Slack, Sentry, Sanity, Figma, Trello, Jenkins, Arduino, QT
- Concepts:** Développement Full-stack, API RESTful, Intelligence Artificielle, Programmation Orientée Objet, Méthodologies Agil

LANGUAGES

- French : Fluent
- English : Professional
- Arabic : Native Language

PROFESSIONAL SUMMARY

Dedicated software engineer with proven experience in software development, seeking to contribute my knowledge and grow within a progressive organization. Passionate about creating innovative solutions and continuously learning new technologies, especially the MERN Stack. Possess strong experience in full-stack development, database management, and complex systems integration.

EDUCATION

- Baccalaureate in Technical Sciences** 2021
Lycee ben arous | Tunisia, Ben arous
- Engineering Degree in Computer Science** 2021-2026
ESPRIT (Private School of Engineering) | Tunisia, Tunisia

ACADEMIC PROJECTS

- Skillly - Skill Exchange Platform + AI** 2025
 - Web platform enabling skill exchange with an AI mentor. Features: Skill marketplace, real-time collaboration tools, payment integration, notifications, feedback mechanism, gamification, and progress tracking.
 - Technologies used: React, Nest.js, Redis, Docker, MongoDB, Shadcn, Linux, Jira, Slack, TensorFlow
- EVH - Electric Vehicle Charging Station Maintenance Platform** 2024
 - Desktop application to assist technicians with the installation, repair, and maintenance of charging stations. Offers guided installation steps, real-time diagnostics, and quick troubleshooting tools.
 - Technologies used: Javaafx, SQL, MySQL, Java, Apache Maven

PROFESSIONAL EXPERIENCE

- Full-stack Developer | E-foire (E-commerce for Brands)** 2025
Freelance | Tunisia
 - Developed frontend and backend functionalities using React, TypeScript, Shadcn, and Express.js. Designed and implemented a modular multi-tenant e-commerce platform with four distinct user interfaces (Client, Admin, Vendor, Delivery).
 - Technologies used: React, Shadcn, PostgreSQL, Express.
- Full-stack Developer | Access Controle** 2025
Freelance | Tunisia
 - Developed a full-stack platform for access and human resources management, centralizing facility control (buildings, doors, zones, systems), organizational structure management (companies, subsidiaries, departments), user and role management, as well as employee, schedule, leave, and audit log management. Implemented a secure NestJS API and a modern Next.js dashboard.

- Technologies used: NestJS (TypeScript), TypeORM, PostgreSQL, Next.js, React, TanStack Query, Tailwind CSS, shaden/ui, Docker, AWS S3.

Full-stack Developer | TBF

2025 - Aujourd'hui

Freelance | Tunisia

- Developed a comprehensive web platform for managing the Tunisian Bridge Federation (TBF), centralizing user administration, club and license management, and organizing tournaments and events. Implemented a modern Next.js interface with secure authentication and specialized dashboards for administrators and club managers.
- Technologies used: Next.js, React, TypeScript, Tailwind CSS, shaden/ui, TanStack Query, React Hook Form, Chart.js, AWS S3.

Front-end Developer | Time Square

2025

Freelance | Tunisia

- Developed a modern web platform for the "Time Square" coffee shop, featuring an interactive showcase site with complete digital menu management, dynamic category navigation (coffees, hot/cold drinks, pastries), advanced search functionalities, image carousels, customer testimonials, and a responsive interface optimized for mobile and desktop. Implemented a Next.js architecture with modular components, contextual state management, and fluid animations.
- Technologies used: Next.js, React, TypeScript, Tailwind CSS, DaisyUI, Motion (Framer Motion), Swiper.js, Heroicons, Vercel Analytics, Husky, Commitizen.



PERSONAL PROJECTS

YC-Directory

2024

Tunisia

- YC-Directory is a comprehensive platform designed for the entrepreneurial community. It offers a space where young entrepreneurs can present their startup ideas, gather feedback from their peers, and connect with potential co-founders or investors. The platform integrates user authentication, idea submission and voting, networking features, and a clear, intuitive interface promoting community engagement.
- Technologies used: Next.js, React, TypeScript, Tailwind CSS, Sanity, Sentry.