

SAIF EDDINE FATNASSI - Software Engineer

+216 94 652 265 saif.fatnassi50@gmail.com <https://www.linkedin.com/in/fatnassi-saif-eddine/>

SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, JAVA, C, C++, SQL
- **WEB:** ReactJs, Angular, ExpressJs, Springboot, NodeJs, HTML, CSS, Symfony, PHP, Docker-compose, Shell Scripting, Git / GitHub, Linux System
- **SGBD:** SQL, MongoDB, MySQL, NoSQL, Oracle
- **Development Tools:** Android studio, Matlab, Keil, STM32 CubeMX, Raspberry Pi, Arduino, Photoshop

PROFESSIONAL EXPERIENCE

TeraToSoft | Waha Oil Company - Tunisia Aug. 2024 – Present

Full-Stack Developer

Project : Employee Portal (April 2025 - Present)

Frontend Development:

- Implemented role-based navigation and permission system for different user types
- Built responsive Vue.js 3 application with **Vuetify** UI framework and bilingual support (Arabic/English)

Backend Development:

- Integrated **Ory Kratos** authentication with role-based authorization (SuperAdmin, Admin, Employee)
- Developed RESTful APIs using **NestJS** with Clean Architecture principles
- Implemented batch processing system for medical invoice data integration
- Designed **PostgreSQL** database schema using **Prisma ORM**

Project : Website with Back Office (Sep 2024 - March 2025)

Frontend Development:

- Built responsive and modular user interfaces using **Vue.js**.
- Designed dynamic and responsive layouts with **Tailwind CSS**.
- Integrated UI components for sections like Tender Details, Announcements, Footer, and Social Media Widgets.

Backend Development:

- Developed robust APIs using **NestJS** for managing tenders and news articles.
- Implemented Clean Architecture to separate domain, application, and infrastructure layers.
- Designed use cases for content management, tender workflows, and automation.
- Wrote comprehensive unit tests with **Jest** and end-to-end tests using **Playwright**.

Technologies Used: NestJS, VueJS, Nx, Jest, Ory Kratos, Azure AD, TypeScript, Prisma ORM, Swagger, GitLab CI/CD

Medianet - Tunisia Jan. 2024 – Jun. 2024

Final Year Internship : Innovative Price Comparator “Best Deal”

- **Web Scraping:** Extracting price data from various e-commerce sites and storing it in a **database**.
- **Backend:** Developing **APIs** to consume the data and provide price comparison services.
- **Frontend:** Designing an intuitive **UI** to display items and compare prices.
- Containerizing the application with **Docker** and **Docker-compose**.

Technologies Used: MongoDB, ExpressJs, ReactJs, NodeJs, Python, Docker, Postman

BIAL-X - STRASBOURG, FRANCE Jul. 2023 – Sep. 2023

Summer Internship : Development of an Internal Web Application Interacting with FitNet (ERP) APIs for Optimized Management within BIAL-X

- Extracting existing quotes from **FITNET**.
- Formatting them into PDFs with the option to add comments.
- Storing the new PDF format in a **NoSQL** database.

Technologies Used: ReactJS, ExpressJS, NodeJS, MongoDB, APIs FITNET, HTML, CSS, Postman

EDUCATION

National Engineering School of Carthage

Engineering Cycle in Infotronic Systems
Engineering
2021 - 2024

Faculty of Sciences of Monastir

Preparatory Cycle for Engineering Studies
2018 - 2021

LANGUAGES

Arabic
French
English

EXTRA-PROFESSIONAL EXPERIENCE

MELKART Junior Entreprise

Member of the Commercial Development
Participation in event organization

FOOT - Professional Player in League 3