

OUSSAMA EL AISSAOUI

Full-Stack Software Engineer — IT Consultant

📍 Lannion, France (Open to Relocation across Canada) 📞 +33 7 51 16 34 96 ✉ el.aissaoui.oussama@outlook.com 🌐 github.com/oussama-es

🇪🇺 **Work Authorization: Eligible for LMIA-Exempt Work Permit via the "Mobilité Francophone" Program**

Professional Summary

Versatile and results-driven Software Engineer specialized in full-stack development and software architecture design. Proven track record of delivering high-impact solutions, from low-code/no-code visual process automation engines at Orange Innovation to scalable e-commerce and web platforms. Fully bilingual (French/English) and highly adaptable, seeking an engineering opportunity to drive digital transformation for Canadian organizations outside Quebec.

Professional Experience

Freelance Mission

01/2026 – 06/2026

IT Consultant / Full-Stack Developer

Remote, France

- Scoped the project functionally and technically, defining business requirements and prioritizing features.
- Designed and developed a web application connecting researchers with scientific experts.
- Set up the architecture, secure authentication, and core business features.
- **Technologies:** Angular, NestJS, TypeScript, JWT, TypeORM, Git

Orange Innovation

03/2025 – 09/2025

IT Consultant / Full-Stack Developer

End-of-studies internship, Lannion, France

- Analyzed requirements related to low-code/no-code service composition and benchmarked available frameworks.
- Designed and developed a visual editor for composing services and automating processes.
- Connected and integrated multiple external APIs/SDKs within the platform.
- **Technologies:** ReactJS, NodeJS, TypeScript, MongoDB, Electron, Rete.js, GitLab

NewDev Maroc

06/2023 – 08/2023

Web Developer

End-of-studies internship, Fez, Morocco

- Analyzed requirements and designed an e-commerce platform tailored to the client's business processes.
- Front-end and back-end development: role management, catalog, cart, orders, and JWT authentication.
- Deployed the solution and supported the client through its production rollout.
- **Technologies:** ReactJS, NodeJS, ExpressJS, MongoDB, UML

Education

Université Paris 8

2024 – 2025

Master's Degree in Hypermedia Technologies

Saint-Denis, France

ESISA – Graduate School of Engineering

2023 – 2024

Master 1 in Information Systems Engineering

Fez, Morocco

ESISA – Graduate School of Engineering

2020 – 2023

Bachelor's Degree in Software Engineering

Fez, Morocco

Lycée Rabelais

2020

Baccalaureate, Physical Sciences (International Track)

Fez, Morocco

Academic Projects

- **AI Chatbot:** intelligent chatbot built with Python/Flask and PyTorch. and structured storage.
- **Chess Game:** AI in C++ computing the best moves (tree search).
- **MasterMind:** game in VB.Net, code generation, interface, and scoring.
- **EDM:** Jakarta EE application for electronic document management (MVC 2).
- **DBMS:** database management system in C# with a query engine
- **School Management:** object-oriented Python app (students, grades, schedules).

Skills

- **Languages:** Java, C/C++, Python, JavaScript, TypeScript, C#, VB.Net
- **Design / Methods:** UML, Merise, Design Patterns, Scrum, Jira
- **Web / Mobile:** ReactJS, NodeJS, ASP.Net, HTML5, CSS3, Bootstrap, ExpressJS, Native Android, Flutter
- **Key Skills:** requirements analysis, software architecture, API integration, technical communication
- **Databases:** SQL (MySQL, SQL Server), NoSQL (MongoDB), Oracle
- **Certifications:** NDG Linux Essentials – Cisco CCNA Introduction to Networks
- **Frameworks / Tools:** Spring, SpringBoot, Jakarta EE, Flask, NLTK, PyTorch, Git, Electron, Rete, Docker, Kubernetes

Languages

- Arabic: native language
- French: fluent
- English: fluent

Interests

- Design and painting club
- Sports
- Video games