

Ayoub Lesfer

## Senior Full-Stack Developer

Full-Stack Developer with over 5 years of experience, expert in PHP, NodeJS, VueJS, and Python. Versatile and autonomous, I am ready to bring my technical skills and innovative mindset to your project.

### Education

**Master in Computer Science** **Université de Bordeaux 1** Bordeaux, France /  
From September 2018 to June 2019

**Bachelor in Computer Science** **Université de Bordeaux 1** Bordeaux, France /  
From September 2017 to June 2018

**Engineering School** **ENSEIRB-MATMECA** Bordeaux, France / From  
September 2015 to July 2017

**Preparatory Classes** **Salmane El Farissi** Sale, Morocco / From September  
2012 to July 2015

### Work experience

**Back-end Developer** **Unneed for the client BricoPrive** Bordeaux, France /  
From April 2022 to May 2024

**Context** : Maintenance and evolution of BricoPrive's e-commerce site,  
improving efficiency and performance of existing systems.

#### Missions and Achievements :

- **Legacy Site Maintenance (PHP, Prestashop) :**
  - Diagnose and resolve technical issues.
  - Implement updates to improve performance and security.
  - Integrate new features with front-end teams.
- **Optimization of Airflow DAGs Tasks (Python) :**
  - Analyze and optimize financial file transfer processes.
  - Develop and test new scripts for automating operations.
- **API Development and Maintenance (NodeJS, Prestashop) :**
  - Design and implement API improvements.
  - Manage bugs and enhance performance.
  - Ensure consistency with the user interface in coordination with the front-end team.
- **Contributions to WebApp Development (NodeJs, React) :**
  - Develop new features and improve UX/UI.
- **Leadership on the BAPI Project :**
  - Increased BAPI usage from 30% to 90%.
- **Log Infrastructure Improvement (Datadog) :**
  - Migrate from Cloudwatch to Datadog for better analysis and troubleshooting.
  - Configure Datadog to meet specific tracking and reporting needs.

**Technical Environment** : PHP (Prestashop), Python, NodeJS, React,  
Cloudwatch, Datadog.

✉ lesferayoub@gmail.com

🏠 Bordeaux

📅 29 years old

📞 07 62 05 59 15

### Computer skills

PHP, Laravel, Symfony

Javascript, React, VueJS

NodeJS

Python

MySQL

### Languages

French Bilingual

English Bilingual

Arabic Native

## Work experience

**Full-Stack Developer** EnjoyMonCSE Bordeaux, France / From July 2019 to November 2021

**Context :** Evolution and maintenance of software tools for the company and its clients.

### Missions and Achievements :

- **Development of Management Solutions for Works Councils (PHP, Laravel, VueJS) :**
  - Design and implement a custom CMS.
  - Manage employees, activities, and accounting tools.
  - Participate in the full release lifecycle using Agile Scrum methodology.
- **Development of an eCommerce Solution (PHP, Laravel, VueJS, Prestashop) :**
  - Create private eCommerce stores for employees.
  - Integrate payment systems (PayPal, Monetico, PayZen).
  - Implement a search engine with Algolia and authentication via OAuth2.
- **Development of a Mobile Management/eCommerce Application (Cordova, AngularJS) :**
  - Develop a dual-purpose mobile application for Works Councils management and eCommerce.
  - Deploy on Android and iOS, allowing employees to communicate with their Works Council and access the online store.

**Technical Environment :** PHP (Laravel), Javascript (VueJS, AngularJS), Prestashop, OAuth2, Algolia, Cordova, Android et iOS Deployment.

**Full-Stack Developer - DEX Project on Alephium** Alephium Bordeaux / Since March 2023

**Context:** Developed a decentralized exchange (DEX) on the Alephium blockchain with a team of three developers.

### Key Responsibilities and Achievements:

- **Development of Core DEX Features:**
  - Implemented essential functionalities such as swap, adding and removing liquidity, and creating liquidity pools.
  - Developed the documentation page for the DEX usage.
- **Technologies Used:**
  - **Backend:** Smart contracts developed in Ralph, a Rust-based language, and a backend in TypeScript/Express for managing transaction prices and volumes.
  - **Frontend:** Built the user interface using React, focusing on UX/UI for the swap interfaces and liquidity rewards.
- **Optimization of Swaps:**
  - Developed a smart contract-based router to optimize swaps across multiple pools.
  - Implemented a backend to determine and display the optimal route for each transaction.

### Technical Environment:

Alephium, Ralph, Rust, React, TypeScript, Express.

## Interests

Well-being

Football, Table Tennis

Cryptocurrencies, Blockchain, DeFi

Gardening

Guitar

Travel