

ALEXANDRE

Software Engineer

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SUMMARY

I am passionate about leveraging technology to innovate and solve real-world problems. As an experienced software engineer, I bring a wealth of knowledge in building robust SaaS platforms and web applications. With hands-on experience in both front-end and back-end technologies, including React and NodeJS, coupled with a strong foundation in clean code practices and modern architecture, my technical expertise and entrepreneurial spirit align with delivering transformative solutions in the software engineering landscape.

LANGUAGES

French Native ●●●●●
English Advanced ●●●●●
Spanish Intermediate ●●●●●

SKILLS

Global

Clean Code

DDD

TDD

Hexagonal Architecture

Leadership

Design Thinking

Refactoring

Lean

Turborepo

Monitoring

Performance

Debugging

Clean Architecture

Web3

Solidity

Smart Contract

WebRTC

Alchemy

IPFS

Ethereum

Solidity

EXPERIENCE

Freelance Software Engineer

Entrepreneur

2024 Lyon, France

- At **Altaroc**, as the Technical Lead for a major private equity firm and without the support of any other developers, I independently managed and developed a new product using Xano and Weweb technologies
- At **Qiara**, as a Frontend Developer for a leading alarm system company, I was responsible for integrating and animating five web pages, designed to emulate the visually appealing and dynamic style characteristic of Apple's website

Software Engineer

Theodo

2022 - 2024 Lyon, France

- At **Meero**, as a Senior Software Engineer within a team of four developers and one product owner, I developed a fully customizable SaaS platform for photo enhancement. The solution was engineered using Symfony, NextJS, and AWS
- At **Clapclap**, as the Lead Developer in a team of three developers and one product owner, I was responsible for developing a platform designed for multi-person bulk purchasing. The platform was built using NestJS and NextJS
- At **Kering**, as a Lead Developer within a team comprising three developers and one product owner, I led the development of a complex NFT builder. This tool generates and deploys smart contracts on EVM-compatible blockchains, utilizing NestJS
- At **Gefco**, as a Lead Developer within a team of three developers and one product owner, I spearheaded the development of two logistics platforms. The first platform assists freighters in finding the best carriers for their transport orders, while the second helps carriers locate drivers. Both platforms were built using Symfony and VueJS
- At **Skaleet** (Core Banking System), as a Lead Developer within a team comprising three developers and one product owner, I was responsible for developing a new Payment Connector compatible with instant payments. This was designed to replace a third-party system previously used by Skaleet, which was built on PHP

Software Engineer

Appsolute

2019 - 2021 Lyon, France

- At **Ouitaste**, as the Technical Lead for the social network dedicated to gastronomy, I developed the entire backend aspect of an application akin to Instagram. Utilizing Laravel and Elasticsearch, I implemented geographic search capabilities and optimized the news feed to dynamically reflect user interactions such as likes, comments, subscriptions, and follows.
- At **École des loisirs**, as the Technical Lead I developed the backend for an application selling physical, audio, digital books, and videos. I implemented ingenious features such as automatic item deployment to iOS and Android stores, data synchronization with external providers, and securing digital items with watermarks. The application also supports payment via the app, credit card, or in-person, with delivery options including pickup points, in-store, or direct home delivery.

SKILLS

Frontend

NodeJS React Leadership

TypeScript Javascript

Nextjs Framer Motion

VueJS Tailwind

Backend

Node.JS NestJS Express

RabbitMQ Typescript

PostgreSQL MongoDB

MySQL ElasticSearch

Algolia Redis Express

PHP Laravel Symfony

Microservices APIs

Database

Mobile

Flutter React Native

DevOps

Ansible AWS Docker

CI/CD

GCP (Google Cloud Platform)

Terraform Pulumi

FIND ME ONLINE

 LinkedIn
<https://www.linkedin.com/in/alexandre-petit-peax/>

 GitHub
github.com/Peax10

 Bitbucket
bitbucket.org/Peax10

 Website
<https://www.peax.me>

EXPERIENCE

Software Engineer

Sword

📅 2018 - 2019 📍 Lyon, France

- At **INCa**, as a developer in a team of five, including one Technical Lead and one Product Owner, I contributed to the development of a call for projects platform for the National Cancer Institute (projets.e-cancer.fr)
- At **INCa**, I spent nearly three months migrating data from an existing software system that had been in use for over 15 years to our new application. For this task, I utilized Talend ETL to handle the migration of approximately 300 GB of non-relational database data to a relational database

Freelance Software Engineer

Entrepreneurship

📅 01/2016 - 01/2019 📍 Dijon, France

- AliiFox.fr - Site allowing to find emerging products on AliExpress thanks to a content vacuum cleaner and a trend algorithm (2019)
- Uload.io - Website allowing to host and stream files (2018)
- HelloQuizz.co - Website allowing to generate images according to data from your FB account (2016)

Entrepreneurship

Various Projects

📅 01/2008 - 01/2020 📍 Paris

- AliciaVoyance.fr - Psychic website with payment via PayPal and live chat (2008)
- Sarl-Beri.fr - Showcase website for masonry in Paris area (2009)
- Nouvelles-tetes.fr - Dating website with efficient matching algorithm (2010)
- Several creations of blogs/WordPress websites
- Creation of private Dofus server + Java emulator (2010-2012)
- MyParkourBook - Creation of a social network (FB like) for Parkour practitioners (2011)
- Creation of a home automation box with voice assistant (2014)
- Creation of a voice assistant desktop app with ElectronJS (2016)

Software Engineer Intern

AbbVie

📅 06/2015 - 08/2015 📍 Dubai, United Arab Emirates

- Developing an intranet with SharePoint
- JavaScript's animation integration

Software Engineer Intern

123ProdWeb

📅 06/2012 - 08/2012 📍 Paris, France

EDUCATION

Post graduate - Data & IA Coursus

Centrale Lyon

📅 2021 📍 Lyon, France

Master of Science - Computer engineering and communications

CPE Lyon

📅 2017 - 2021 📍 Lyon, France

Preparatory classes for entrance to "grandes écoles" - Maths - TSI


Lycée Gustave Eiffel

📅 2014 - 2017 📍 Dijon, France

MY PASSIONS

 Blockchain / Defi / Web3

 Running

 Swimming

 Web animation