

Kenji LAU

Full Stack & Blockchain Developer

My portfolio

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EXPERIENCE

Blockchain Developer Intern - Wakam [Remote]

February 2021 - August 2021

Paris, France

Worked on proof of concepts, prototypes and internal tools

- Wrote smart contracts based on ERC1155
- Developed a typescript library to interact with Tezos FA1.2 and FA2 standards
- Explored Chainlink

Technologies: Solidity, Typescript, C#, Docker, Ligo

Blockchain Developer Freelance - Wakam [Remote]

March 2020 - December 2020

Paris, France

Developed solutions of optimization and auditability for our private blockchain

- Added a private keys management system to our blockchain library
- Developed a fullstack auditability tool for our partners
- Built a prototype on Tezos

Technologies: Quorum, Azure, C#, React, Node.js, Solidity, Docker, Ligo

Full Stack Developer Intern - Wakam

October 2019 - March 2020

Paris, France

Implemented a tool to prove the authenticity of our private blockchain

- Built and shipped the tool with a user interface
- Helped to write our blockchain library in C#
- Developed a tool to pair objects connected by webcam

Technologies: Azure, C#, React, Node.js, Express, SQL, CosmosDB

Student Project - Sopra Banking Software

October 2020 - January 2021

Paris, France

Developed from scratch a collocation platform on a Hyperledger Besu private blockchain

- Designed the blockchain architecture, smart contracts, server and front-end
- Wrote the back-end and smart contracts around ERC20/ERC721

Technologies: Besu, Solidity, Node.js, Mongo, Docker

EDUCATION

ESILV

2017 - 2021

Paris, France

Master in Financial Engineering – Fintech
Blockchain Programming (Solidity), Lightning Network, OOP (C#, C++), Data Structure (C), NoSQL (MongoDB, Apache Kafka)

University of French Polynesia

2014 - 2017

Papeete, Tahiti

Three-year University Degree in Mathematics

SKILLS

Programming Languages

Solidity, Javascript (ES6+), Typescript
Python, C#, HTML/CSS

Libraries & Frameworks

React, Next.js, Node.js, Express, Mongo

Tools & Platforms

Git, Netlify, Firebase, Docker
Geth, Hardhat, Truffle

Soft skills

Autonomous, Patient, Optimistic, Proactive

PROJECTS

Twitter Clone (in progress) - [Link](#)

Building a fullstack application with Next.js and Firebase

Scheduler Multisig - [Link](#)

Upgradeable contract
behind a Multisig contract