# Kenji LAU

## Full Stack & Blockchain Developer

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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 and unit tests with Chai.js
- Developed a Typescript library to interact with Tezos FA1.2 and FA2 standards

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

### Backend Engineer - Sopra Banking Software [Remote]

October 2020 - January 2021                          Paris, France

Developed a collocation platform on a Hyperledger Besu blockchain
- Designed the blockchain architecture, smart contracts and server
- Wrote the backend in Node.js and smart contracts around ERC20/ERC721

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

### 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 the authenticity tool with React, Node.js and C#
- Helped to write our blockchain library in C#
- Developed a fullstack application to pair connected objects by webcam

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

## 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 Kakfa)

### University of French Polynesia

2014 - 2017                          Papeete, Tahiti

**Three-year University Degree in Mathematics**

## SKILLS

**Programming Languages**

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

**Libraries & Frameworks**

React, Next.js, Chakra-ui, tRPC
Hardhat, Truffle, Node.js, Express, Mongo

**Tools & Platforms**

Git, Netlify, Firebase, Docker, Geth, Azure

**Soft skills**

Autonomous, Patient, Optimistic, Proactive

## PROJECTS

**Twitter Clone (In progress) - Link**

Building a fullstack application with Next.js and Firebase

**Schedular Multisig - Link**

Upgradeable contract behind a Multisig contract