



Jérémie Combe

Full stack Developer

I have been intrigued by IT since middle school. I'm primarily passionate about coding because it's a creative way to bring my ideas and solve problems. I've worked as a backend and full-stack developer using Node.js and TypeScript for over 3 years with companies specialized in blockchain. Now, I am looking for a new position to apply my knowledge in IT development.

CONTACT



France



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06.16.07.00.50



[Github](#)
[Portfolio](#)
[LinkedIn](#)

More informations

Langage :

- French (native)
- English (professional)

Others :

- Swiss work permit G
- Driving license

FORMATION

2020 – 42 School - Lyon

Coding school, specialized in C. Projects exemples : Red Tetris (group project), [42sh](#) reproduce shell bash (group project), recoding command ls

2017 – BTS SIO Aristide Berges - Grenoble

Option development using PHP and Csharp

2015 – BAC STMG - Chambéry

Option development, coding website using PHP, html, css

SKILLS

☆☆☆ Proficient : Typescript, Next.js / React.js, Node.js, Solidity, Git, Linux / OS X, PostreSql

☆☆ Comfortable : InfluxDb, PHP, MongoDB Grafana, ExpressJs, Bash, HTML / CSS

☆ Familiar : C, Python, GraphQL, AWS, TerraForm

PROFESSIONAL EXPERIENCE

[RA2Tech SA](#) / [Smar dex](#)

Full stack developer – April – July 2024 Montreux (CH)

- Web application to analyze transactions of smart contrats and integrate a swap module for ERC20 token using Nextjs, Docker compose, Typescript, SSL HTTPS, PostgreSQL and Parameterized Queries using pg library

- Update libraries nodejs Viem 1.0 to 2.0 for Smardex alert package.

-Monitoring price ETH/USD between two oracle blockchain (Pyth and Redstone) using Docker compose, influxDB, Grafana, Typescript.

[Rebrain.ai](#)

Backend developer – October 2020 – April 2023 Lyon (FR)

- Creation from scratch a Node.js Typescript library to simplify order management on exchanges like Bybit, Kraken, Binance (like CCXT

- Monitoring trading bot and blockchain data. Analysis token metrics like volumes, prices, circulation, tweets. Using Grafana, InfluxDB.

- Proof of concept FlashLoan strategies using solidity and Nodejs

Typescript to find opportunity

-Deployment instances AWS and lambda function

INTERNSHIP

Pockero

Backend Developer – January – June 2019 Montreal (CA)

- Development Smart contract Solidity (Ethereum) and C++ (EOS) ERC20 for reward system

- Smart contract Solidity / C++ to securely store data on the blockchain.

- Creation API using Node.js REST

SOLTI

Android Developer – January – March 2017 Grenoble (FR)

- Development from scratch of a Java Android application ([Soltiscan](#)), which is always available and up to date. It allows users to scan QR codes to manage an inventory.

- Publish explain video on youtube to show how to use it

Merci Creative

Android Developer – April – June 2016 Bourg St Maurice (FR)

- Responsive landing using css media queries using Javascript, Html, CSS, PHP.

CURRENT PROJECTS

Decentralized GeoGuessr (privacy game project)

Participate Zama bounty programs:

Reproduction game GeoGuessr but in a decentralized manner. The location data is represented as NFTs and stored on-chain confidentially using Zama's FHEvm. A token and reward system with NFTs is implemented.

- Using Nextjs, Css, Javascript, Solidity, FHEvm, SSL, hosting and server management, API Google maps

- Link : [doc](#), [smart contract](#), [frontend](#)

Flashloan arbitrage NFT (financial project)

The goal is to take advantage of the price difference between SudoSwap AMM and OpenSea. If an NFT is cheaper on OpenSea, I borrow the purchase amount from Aave, instantly buy the NFT on OpenSea, sell it on SudoSwap, repay the loan, and pocket the difference. In this project, the steps are : identify arbitrage opportunities, calculate transaction fees and deduct them to estimate profits, protect transactions against MEV attacks (like sandwich attacks) using Flashbots.

- Using Javascript, Solidity, Flashbots

- Link : [smart contract](#), [scripts](#)