

Solène PETTIER

Full-stack Blockchain Engineer

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EDUCATION

2021	Full Stack Blockchain Developer Alyra School - Paris, France	Comprehensive training in blockchain technology and decentralized application (dApp) development, covering front-end and back-end development, smart contract deployment, and hands-on project experience.
2013 - 2016	MSc Information Technology Engineer Nacitional Superior School of Mines - Albi, France	Advanced training in the integration of information technology and logistics management, focusing on systems analysis, data management, and optimization techniques to enhance operational efficiency and solve complex supply chain matters.
2011 - 2013	Intensive course of Mathematics & Physics Michelet Hightschool - Paris, France	Rigorous two-year allowing to develop a strong foundation in advanced mathematics, physics, and computer science, significantly enhancing analytical and problem-solving skills in preparation for future academic and professional challenges.

EXPERIENCE

2021 - PRESENT	Blockchain Developer Ideasoft - Remote	<ul style="list-style-type: none">• Smart Contract Development: Create secure smart contracts using Solidity for dApps.• Code Optimization: Improve contract performance to lower gas fees and enhance transaction efficiency.• Testing and Auditing: Conducte thorough testing and auditing to identify and fix vulnerabilities.• Collaborative Development: Collaborate with UI/UX designers and back-end to integrate smart contracts into dApps.• Documentation and Support: Develop comprehensive documentation to aid maintenance and knowledge transfer.
2016 - 2020	Functional & Technical Consultant ERP Fitnet Manager - Barcelona, Spain Bouygues Telecom - Paris, France Trobz, Hô-Chi-Minh-City, Vietnam	<ul style="list-style-type: none">• System Configuration: Customize the IT system to meet client needs.• Technical Expertise: Provide in-depth knowledge of the software and integrations.• Implementation Support: Assist with planning and deployment for smooth transitions.• Troubleshooting: Diagnose and resolve technical issues for reliability.• Documentation and Training: Create documentation and train users effectively.• Continuous Improvement: Identify and implement enhancements for optimization.• Management: Animate meetings and assign ressources within the Agile framework.

SKILLS

BLOCKCHAIN

Solidity - Truffle - Hardhat - Foundry - Web3.js - Ethers.js - OpenZepellin - EVM chains - Oracle - DeFi - NFT

FRONT

HTML - CSS - React.js - Chakra UI - Bootstrap

BACK

Node.js - Express - MySQL - PostgreSQL - JavaScript - TypeScript - API

MATHEMATICS

Algebra - Geometry - Statistics

PROJECTS

DeFi - DEXes - Insurance

- **Kadena** Kinesis bridge, powered by the **Hyperlane** protocol enables secure asset transfers between the multiple Kadena's blockchains and other blockchains.
- **Dollet Wallet** integration of external DeFi protocols, DEXes and Oracles to allow user to maximise their asset's yield.
- Orderbook-based perpetual DEX enabling execution of long/ short market and limit orders (opening, updating and closing positions).
- **DEIN / Bridge Mutual** a decentralised platform allowing users to participate in a community-driven approach to insurance.

Atomic decentralised features

[Linear Vesting](#) - [Reentrancy hack](#) - [Multichain Bridge](#)