

# Solène PETTIER

## Full-stack Blockchain Engineer

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## PROJECTS

### DeFi - DEXes - Insurance

- **ICN** a permissionless, decentralized security layer built to verify, secure, and scale global cloud infrastructure.
- **Kadena (TVL)** 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.
- **DEIN / Bridge Mutual (TVL)** a decentralised platform allowing users to participate in a community-driven approach to insurance.

### Atomic decentralised features

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

## EXPERIENCE

2025 - PRESENT	<b>Senior Blockchain Engineer</b> Impossible Cloud Network - Hamburg, Germany
2021 - PRESENT	<b>Blockchain Engineer</b> Ideasoft - Remote

**Architecture:** Oversees the design and development of blockchain infrastructure

**Smart Contract Development:** Implements, audits, and optimizes smart contracts

**Leadership:** Leads and mentors cross-functional engineering teams

**Security:** Ensures system integrity, performance, and data protection

**Innovation:** Stays up to date with blockchain trends and emerging technologies

**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:** Conduct 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.

## EDUCATION

2021	<b>Full Stack Blockchain Developer</b> 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	<b>MSc Information Technology Engineer</b> National Superior School of Mines - Albi, France
	Advanced training in the integration of information technology and logistics management, focusing on systems analysis, data management, and optimisation techniques to enhance operational efficiency and solve supply chain problematics.
2011 - 2013	<b>Intensive course of Mathematics &amp; Physics</b> Michelet Highschool - Paris, France
	Rigorous two-year developing 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.