Solène PETTIER

Full-stack Blockchain Engineer

solene.pettier@gmail.com
github.com/solenemep
linkedin.com/in/solenemep
solenepettier.netlify.app/

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

Reentrancy hack - Multichain Bridge - Reward Accumulator

SKILLS

BLOCKCHAIN

Solidity - Hardhat - Foundry - Web3.js - Ethers.js - OpenZepellin - Upgradeability - Security - Gas Optimisation - Cross-chain Bridge - EVM chains - Layer 2 - Oracle - Multisig - DeFi - NFT - DePin - Perpetual Dex - AMMs

BACK

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

MATHEMATICS

Algebra - Geometry - Statistics

EXPERIENCE

2025 - PRESENT

Senior Blockchain Engineer

Impossible Cloud Network - Hamburg, Germany

- **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

2021 - PRESENT

Blockchain Engineer

Ideasoft - Remote

- **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.

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 optimisation techniques to enhance operational efficiency and solve supply chain problematics.

2011 - 2013

Intensive course of Mathematics & Physics

Michelet Hightschool - 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.