



Louis Hatté

Full-Stack Web3 Engineer

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Summary

4 years of experience as a full-stack engineer, transitioning to Web3. I'm available for a full-time remote or hybrid role. I can start immediately and am determined to bridge technical rigor and decentralized innovation.

Technical Skills

Main programming: Typescript, Solidity

Secondary programming: Python, Vyper, Rust, Go, C, Bash, ASM, LaTeX

Blockchain: EVM, Foundry, OpenZeppelin, ChainLink, Infura, Alchemy, Viem, Wagmi, Erigon

Frontend: NextJS, React, Svelte, SASS, Tailwind, ShadcnUI, MaterialUI

Backend: NodeJS, Express, NestJS, Apollo, REST, GraphQL

Databases: PostgreSQL, Firebase, Redis, Prisma, Sequelize

Infrastructure: Docker, Scaleway, Railway, Minio, Grafana

Tools: Git, GitHub, GitLab, CI/CD, VSCode, Copilot, Remix, Vim, MacOS, Linux

Languages: French (Native), English (Advanced)

Projects 2025

ERC-20 Token Transfer Indexer

Github: <https://github.com/LouisHatte/mini-indexer>

Tech: Typescript, NodeJS, NestJS, PostgreSQL, Prisma, Infura, Viem, Railway

- Built an indexer syncing ERC-20 "Transfer" events on-chain to an off-chain database with a dedicated query API — strengthened my skills in on-chain/off-chain data indexing and integration.

ERC-20 Token Bridge

Github: <https://github.com/LouisHatte/SNAIL-bridge>

Tech: Solidity, Foundry, OpenZeppelin, ChainLink, Alchemy, React, Tailwind, Wagmi, Viem

- Developed a bridge enabling SNAIL token transfers across chains via Chainlink CCIP — deepened my understanding of EVM interoperability and cross-chain protocol integration.

Stablecoin inspired by DAI

Github: <https://github.com/LouisHatte/minimal-DAI>

Tech: Solidity, Foundry, OpenZeppelin, ChainLink, Alchemy

- Designed a minimal stablecoin model (1 MSC = \$1) overcollateralized in WETH/WBTC, with no governance or fees — improved my skills in DeFi protocol design, collateral management, and fuzz-based stability testing.

Top 13 / 9,000 on OpenZeppelin's Ethernaut (username: ehl)

Github: <https://github.com/LouisHatte/ethernaut>

Tech: Solidity, Foundry

- Solved CTF-inspired Web3 security challenges — enhanced my expertise in auditing and vulnerability detection in Solidity smart contracts.

Experience

Lead Full-Stack Engineer (Neolam)

2022-2025

Tech: *TypeScript, React, SASS, Tailwind, MaterialUI, AntDesign, NodeJS, Express, Apollo, REST, GraphQL, PostgreSQL, Firebase, Redis, Sequelize, Docker, Scaleway, Minio, Grafana, React Native, Python*

- Developed a hotel maintenance platform from scratch, covering frontend, backend, infrastructure, and Android/iOS app management, scaled to over 50 hotel clients with measurable revenue impact — gained a full understanding of end-to-end product development from full-stack design to mobile deployment and infrastructure management.
- Implemented a pest recognition system using a convolutional neural network for automated detection and classification — deepened my understanding of how AI and neural networks function.
- Progressed to a team lead role after starting solo, managing a 4-developer team and overseeing the full project lifecycle — strengthened my technical leadership and coordination skills.
- Worked directly with the PO, CEO, and CTO to define priorities, validate deliverables, and guide technical decisions — improved my cross-disciplinary communication and product decision-making abilities.

Full-Stack Engineer (Audiomwizard)

2021, 6 mois

Tech: *TypeScript, React*

- Developed an inventory update script to automatically synchronize data between a master inventory and the inventories of 60 hearing-aid stores — enhanced my skills in algorithmic logic, data consistency, and business process reliability.
- Worked fully remotely in an agile environment — strengthened my autonomy, asynchronous communication, and personal organization skills.

Full-Stack Engineer (Lizeo Group)

2017, 6 mois

Tech: *React, NodeJS, Express*

- Built a back-office system from scratch for the support team to manually fix tire station and geographic zone associations (over 60,000 stations worldwide) — improved my skills in internal tool design and large-scale data management.
- Collaborated closely with support and design teams to create an intuitive, user-friendly tool — strengthened my teamwork and communication abilities.

Teaching Assistant in Digital School (Epitech)

2017-2019

Tech: *C, C++, Python, Ruby, Go, Bash, ASM, TypeScript, React, NodeJS, Express, SQL*

- Mentored over 200 students in programming through individual and group sessions — enhanced my pedagogical and communication skills.
- Collaborated with a 20-member teaching team to coordinate the academic program — developed my teamwork and organizational abilities.

Education

Master's Degree in Computer Science

Epitech, Lyon
2016-2021

Scientific Baccalaureate

Lycée Notre Dame de Bellegarde, Neuville sur Saône
2016

Certifications

Docker Certification — Dyma

2023

Introduction to AI with Python — Harvard

2022

React and Firebase Certification — Shaun Pelling

2021

Blockchain Developer Bootcamp — Dapp University

2020