Francis BERGER

Paris, France
https://fberger.xyz

LANGUAGES
french, english

HOBBIES
EVM use cases,
Typescript,
DeFi (gnosis safe +
cowswap heavy user),
general finance (as a
way of reading human
societies),
English boxing,
countryside I grew up in

ASSOCIATIVE
Ethereum France
Scoutism for 10 years

5+ years fullstack engineer
with 3+ years in institutional crypto and TradFi/CPA background

Full-time experiences

2025 - now FREELANCE, Paris, France — **Senior Fullstack Typescript Engineer**
- <u>Go-getter</u> for COINSHARES (part time), propellerheads.xyz (grantee) and small clients
- Using battle-tested Typescript stack: next, tailwind, tanstack, zustand and more

2021 - 2024 COINSHARES, mainly Paris, France — **Senior Fullstack Engineer | Risk management and DeFi**
3+ years - Designed, coded, and maintained risks frontends used 24/7 by capital market teams and top execs to <u>compute, visualize and report</u> all **hedge funds operations** (P&L, counterparties, options book, NAV), as well as **lending, staking,** and **trading operations** (eg. quantitative strategies) using internal backends, nats and mostly Haruko PMS APIs. <u>Invited to CoinShares' risk committee in recognition of the impact of this work</u>
- Proactively improved technical debt with best-in-class **next/react/typescript** dev tools
- Research analyst for top management (on Eth 2.0 specs and several DeFi protocols)
- Ran ethereum nodes in AWS to test the Shanghai upgrade and explore MEV opportunities
- Set up gitlab CI/CD pipelines for Node.js bots (eg. to monitor SEC website for BTC ETF approval)
- Coded from scratch + deployed a **DeFi dApp for tokenizing on-chain fund liabilities** (300K$ TVL)
- Contributed to MIP86 "CoinShares USDC Institutional Rewards"
- Contributed to the risk framework currently used for all the staking operations
References available. Resigned to explore EVM use cases like tokenization and lending

2021 STATION F STAFF, Paris, France — **Fullstack Typescript Engineer**
9 months Shipped new features for Station F community, eg. *launch.stationf.co.* 2 tech stacks:
- Nest (the backend framework) with postgresql, Nuxt (Vue), Tailwind – tested with Jest
- MongoDB, Express, Vue 2, Node - tested with Mocha, Chai and Sinon
In direct contact with the lead dev and CTO, I learned:
- best practices to commit a clean and tested code (unit, integration, e2e)
- how to really use Docker (Compose), Algolia, Stripe, AWS, Sentry and Gitlab
References available - Left to explore Ethereum after I discovered flash loans

2020 FREELANCE, Paris, France — **Fullstack Javascript Engineer**
4 months Extensive web scraping and research for Outmatch, a small M&A firm in Paris

2019 GRANT THORNTON, Neuilly-Sur-Seine, France — **Transaction Services Analyst, M&A**
6 months Valuations + due dill. in M&A or fundraising context. Reference available. Declined full-time offer

2018 ORDEA.CO, Paris, France — **Fullstack Ruby On Rails / Javascript Engineer**
7 months Continued my end-of-course project at LE WAGON bootcamp. Designed, coded and maintained an order management SaaS still used by a small network of parisian artisans. Initial traction

2017 DBA CONSULTING, Paris , France — **Transaction Services Analyst, M&A**
10 months Valuations + due dill. in M&A, fundraising or litigation context. Reference available

Education

2018 - 2020 ÉCOLE 42, Paris, France — **Software Engineering diploma** *speedran 42 to start working ASAP*

Oct. 2019 DSCG, France — **French CPA entrance exam** *independent candidate*

2014 - 2019 PARIS CITY UNIVERSITY, France — **MSc. Accounting and Corporate Finance**

Sept. 2018 CRYPTOZOMBIES.IO — **Solidity course** *discovered ethereum*

Q4 2017 LE WAGON, Paris, France — **Fullstack Developer bootcamp** *batch #101*