Samuel **Coelho**

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WORK EXPERIENCE

Account.tech, incubated by Aftermath Finance, SUI ecosystem — *Remote*
LEAD FRONTEND ENGINEER (FREELANCE) — *February 2025 – January 2026*
- Frontend Lead on a Next.js application interfacing DAO and Multisig smart contracts on SUI via a TypeScript SDK, with a strong UX focus on making complex on-chain operations accessible to non-technical users.
- Built a reusable frontend component library tailored to Web3 constraints (async states, wallet management, UI/on-chain sync), deployed in production across both products.
- Contributed to the TypeScript SDK abstracting Move smart contracts for the frontend, whose architecture served as the foundation for a Payments module later adopted by external developers on SUI.

Dassault Systèmes — *Toulouse, FR*
FULL-STACK DEVELOPER (APPRENTICESHIP) — *September 2022 – September 2024*
- Developed and integrated complex frontend features (imports/exports, large dataset handling) within a large-scale industrial React application, in a demanding multi-team environment.
- Participated in migrating Vue.js components to React as part of a team, ensuring visual consistency and functional stability on business-critical interfaces.
- Contributed to the reliability of critical web interfaces by implementing unit tests, focusing on performance, maintainability and code readability on a production codebase.

MG Événements — *Remote*
FULL-STACK DEVELOPER & PRODUCT DESIGNER (FREELANCE) — *February 2024 – August 2024*
- Built a custom Next.js client platform allowing customers to browse the catalog, build their selection and instantly generate a quote online, replacing a fully manual phone-based process.
- Built a custom internal management tool enabling the team to update inventory and process incoming quotes, significantly reducing administrative workload.
- Synced both applications in real time, with any inventory update on the back-office side instantly reflected on the client platform, ensuring data consistency and smooth operations.

INSPI — *Toulouse, FR*
VUE.JS FRONTEND DEVELOPER (INTERNSHIP) — *April 2022 – September 2022*
- Led the full migration of a Ruby on Rails application to Vue.js, used by 500+ clients, delivered in 6 months with no service interruption.
- Built a reusable Vue.js component library covering all app needs (buttons, text fields, checkboxes, CRUD forms…), reducing code duplication by ~40% and speeding up future development.
- Ensured seamless integration between the Vue.js frontend and the existing Ruby on Rails API, working with the technical team to maintain stability and performance in production.

Projects

chat-mixer — *Go, Gin, PostgreSQL*
GO BACKEND FOR AN ANONYMOUS EPHEMERAL CHAT WITH POOL-BASED MATCHING, PRIVATE ROOMS THAT AUTO-EXPIRE AFTER 24H AND REAL-TIME COMMUNICATION VIA WEBSOCKET.
https://chatmixer.space

EDUCATION

Université Paul Sabatier Toulouse III — *Toulouse, FR*
MASTER'S DEGREE IN APPLIED MATHEMATICS & COMPUTER SCIENCE FOR BUSINESS MANAGEMENT (MIAGE) — *September 2019 – September 2024*

SKILLS

Frameworks & Libraries: Next.js, React.js, Vue.js (Vue 2 & Vue 3), Svelte, Nest.js, Ruby on Rails, TailwindCSS
Languages: TypeScript, Go, Rust, Java, SQL
Tools & Testing: Git, Docker, Figma, GitHub Actions, Jest, Selenium
Spoken Languages: English (C1), Portuguese (Native), Spanish (C1)