

Reda Hamouche

Product Engineer · React Native · Next.js · NestJS · Solidity

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SUMMARY

Product engineer with 7 years of production experience building web and mobile products. Front end, mobile, API and smart contracts: I ship all four layers. Five years in agency on demanding accounts, Louvre, Chanel, Orient Express, Opéra national de Paris, then Spliz, a non-custodial group payments app built alone from idea to production and live on Base mainnet. Strong React and TypeScript background, focused on Web3 payments, stablecoins and wallet UX.

EXPERIENCE

Spliz — Founder & Product Engineer

January 2026 to present · independent, remote

- Group payments app built alone end to end: product, mobile, API, smart contracts, settlement infrastructure, deployment and app store distribution.
- Non-custodial payment architecture: atomic multi-party settlement signed off-chain with EIP-712, EIP-2612 permits, a relayer sponsoring gas, embedded wallets through Privy, social login and incremental KYC. Hexagonal architecture, strict separation between front end, API and on-chain layer.
- Turned a multi-party settlement protocol into a one-tap flow, hiding signatures, gas and on-chain execution. A single canonical representation of amounts in micro-units, from the database through to the signature, held by guard tests that fail CI if a floating-point rounding reappears in a signing path.
- Live on Base mainnet in USDC. TestFlight and open Android beta, App Store publication in progress.

Mazarine — Web developer, apprentice to technical lead

2020 to 2025 · Paris

- louvre.fr, four years on the Musée du Louvre website. Front-end on paper, full-stack and project management in practice: I owned the site end to end, from the Drupal side of the contract to the client relationship. Data-driven headless front end where the API returns a tree of components and the museum's editorial teams compose their pages without a developer.
- Maintained a design system of a hundred-odd components across four languages, kept coherent under arbitrary nesting by a single JSON Schema shared between the Drupal component and the Storybook story and distributed as a Git submodule. Every component tested against that contract. Two front-end developers led.
- Accessibility taken to the highest level of the French public-sector standard on louvre.fr, externally audited by Temesis. Direct technical counterpart to the client on the final phase. The public contract was renewed for five years before I left.
- orient-express.com: technical ownership of the project, three front-end developers led. Architecture carried over from the Louvre and tightened, composition capped at a single level of nesting, compliant component generation from day one, typed forms. The site kept evolving for a year after I left.
- Also shipped: Chanel, including Factory 5, Dior, Van Cleef & Arpels, Ritz Paris, Opéra national de Paris, Balmain.

SELECTED PROJECTS

Spliz — 2026 · spliz.app

Mobile fintech for group payments. EUR to USDC on and off-ramp, atomic on-chain settlement on Base.

React Native · Expo · Next.js · NestJS · PostgreSQL · Solidity · Foundry · viem · WalletConnect · Sentry

louvre.fr — 2020 to 2025

Musée du Louvre website. Data-driven headless front end, shared JSON Schema contract, design system of a hundred-odd components, RGAA audited by Temesis.

Next.js · SCSS · Drupal · Storybook

orient-express.com — 2024 to 2025

One multilingual platform bringing the brand's trains, hotels and yachts together.

Next.js 14 · TypeScript · Drupal

SKILLS

Programming: TypeScript, JavaScript, Solidity, SQL

Frontend: React, Next.js, React Native, Expo, TailwindCSS, Storybook, SCSS

Backend: Node.js, NestJS, PostgreSQL, TypeORM, Drupal

Web3 & payments: Foundry, viem, WalletConnect, Privy, EIP-712, EIP-2612, ERC-4337, stablecoins, non-custodial wallets

Architecture: Hexagonal, Clean Architecture, DDD, backend-driven UI, design systems

Quality & observability: Jest, Foundry, Storybook, RGAA accessibility, Sentry

Tools: Git, Docker, Figma, Xcode, Railway, Shopify

AI workflow: Claude Code, Cursor, MCP agents

EDUCATION & LANGUAGES

HETIC, Paris: Bachelor in Web & Mobile Development, 2019 to 2022. Top of class.

Languages: French, native. English, full professional proficiency.