



RAMONA ABI-MOUSSA

Senior Web3 Full Stack Engineer (Frontend-Focused)

- +96170967879
- ramona.abimoussa@gmail.com
- <https://www.linkedin.com/in/ramonaabimoussa/>
- <https://ramonaabimoussa.com>
- <https://noeira.sihier.eth.limo>

Summary

Senior Web3 Full Stack Engineer (frontend-focused) with 10+ years of experience building high-performance, accessible web applications and blockchain-based products. Led frontend architecture and dApp development for DAOs and Web3 platforms, enabling secure on-chain asset management, DeFi interactions, and SaaS transformation. Proven impact across performance optimization, UX systems, and cross-functional leadership, driving measurable gains in adoption, revenue, and delivery speed.

Skills

Frontend Engineering

- React, Next.js, TypeScript, HTML5, CSS3, Tailwind, ShadCN, Radix UI, Fluent UI, CSS Preprocessors: Sass (SCSS), Less
- Performance Optimization, Accessibility (WCAG, ARIA), Responsive Design, i18n

Web3 & Blockchain

- Wagmi, Viem, Ethers.js, Web3.js, WalletConnect, SIWE
- Solidity, Hardhat, OpenZeppelin, Smart Contracts

Backend & APIs

- Node.js, PostgreSQL, GraphQL, REST APIs, Redis

Test & Tooling

- Jest, Cypress, Biome, Playwright, Storybook, Vitest
- Vite, ESLint, Prettier, Biome, CI/CD, Docker

Cloud & DevOps

- AWS, GCP, Git, GitHub, Microservices

UX / UI Collaboration & Design Tools

- Figma, Sketch, Adobe XD, Framer
- Design Systems, Component Libraries, Pixel-Perfect Implementation

Experience

Kpk (formerly karpatkey)

Remote

Senior Consultant: Senior FullStack Blockchain developer - Frontend Focus

08/2024 - present

- Led frontend architecture for a production Web3 platform enabling secure DAO treasury and asset management using Safe and Zodiac Roles Modifier, directly supporting the company's core revenue stream.
- Implemented blockchain permission systems allowing asset managers to deposit, borrow, stake, lock, and swap assets, driving a measurable uplift in user engagement across 15 assets and 13 clients.
- Architected and maintained a component-driven design system (27 reusable components) with standardized CSS conventions, reducing frontend tech debt (UI churn by ~30%) and accelerating feature delivery across teams while preserving accessibility and cross-browser consistency.
- Converted core services into a SaaS product, contributing to UX/UI design, full-stack development, and cloud migration from GCP to AWS; reduced infrastructure costs by ~20%, achieved 99.9% uptime in the initial post-migration quarter, and established Jest/Cypress automation that raised test coverage to ~30% and reduced production defects by ~40% QoQ.
- Delivered pixel-perfect, accessible interfaces (achieving ~95% WCAG conformance) with full internationalization (i18n + RTL); continuously audited and improved accessibility and performance using Lighthouse, axe, and custom metrics, raised critical-flow Lighthouse scores to a B+ level, and orchestrated Figma-to-production handoffs for 12 key screens, improving first-visit conversion by ~45%.
- Conducted user interviews with asset managers, translating insights into UX improvements that reduced operational friction and increased usability and operational efficiency.

Tech Stack: React, TypeScript, TanStack, GraphQL, PostgreSQL, Redis, Solidity, AWS, Jest, Cypress, Storybook

- Owned and delivered the frontend architecture for a data-intensive, real-time, performance-critical Web3 trading and dApp platform on Ethereum as the sole frontend engineer, designing a scalable MVP and shipping ~25% of planned feature scope ahead of schedule, accelerating time-to-market.
- Built performance-first, accessible, and SEO-optimized, data-heavy frontend workflows for on-chain interactions, maintaining low-latency UI performance and high responsiveness under frequent state updates while implementing accessibility best practices (semantic HTML, keyboard navigation, ARIA, and color-contrast compliance), contributing to measurable improvements in discoverability and core user engagement metrics.
- Optimized Core Web Vitals (LCP, CLS, TTI) and frontend performance through code-splitting, optimized hydration, caching strategies, SSR/SSG trade-offs, and smart data fetching (React Query/SWR), tracked via Lighthouse, PageSpeed Insights, and WebPageTest.
- Partnered with the product owner to define product vision, MVP scope, and acceptance criteria, reducing rework through early UX validation and technical feasibility assessments.
- Standardized the Web3 frontend stack and led engineering standards, documentation, and refactoring initiatives, improving code quality, maintainability, and onboarding efficiency.
- Collaborated closely with backend and smart contract teams to integrate, deploy, test, and troubleshoot on-chain functionality in production.

Tech Stack: Next.js, Typescript, Talisman, IPFS, Subsquid, Ethers.js, Polkadot.js, Wagmi, Viem, Cypress, Prettier & TSLint

CMA CGM

Remote

Senior Fullstack Engineer - Frontend lead

10/2020 - 03/2022

- Led development of a large-scale MERN-based platform with microservices architecture, supporting admin, agent, and buyer dashboards.
- Built an online payment system that contributed to a 65% increase in annual sales in year one, followed by 40% YoY growth.
- Selected as the sole Lebanese developer on an executive-level internal analytics platform, visualizing shipping data through dashboards and animations.
- Mentored a team of 5 developers and implemented Agile workflows (Jira, Scrum ceremonies).

Earlier Experience (Selected Highlights)

- Built and shipped multi-chain Web3 products across Ethereum, zkSync, and Polygon, including dApps and NFT minting flows integrating wallet-based interactions, on-chain market data (CoinGecko APIs), and Python-based real-time on-chain alerting tools (Telegram bots) using API polling and WebSockets for operational event notifications.
- Delivered 40+ high-traffic web, media, and e-commerce platforms, generating up to 90% of company revenue through digital channels.
- Engineered advanced frontend experiences including wizard flows, drag-and-drop interfaces, dynamic data visualizations, and responsive UI systems, as well as high-performance 2D/3D animations (Canvas, SVG, WebGL, GSAP, Framer Motion) featured on leading regional media platforms.

Awards & Recognition

💎 Testdome: HTML/CSS, Javascript, PHP and SQL (Hard)
Top 10% performer (twice)

💎 Meta x Knowledge Officer Advanced Developer Product Management Leadership program
Top ranked nationally & globally out of 500 learners in the Middle east, in a rigorous 6-month program, successfully completing 26 pragmatic checkpoints.

Certification & Professional Development

Blockchain Developer Bootcamp (In Progress) — dApp University
Hands-on projects: dApp exchange, NFT marketplace, trading bot

FullStack Blockchain Specialization — The State University of New York

Web3 and Blockchain Leadership for Transformation — Insead

Advanced Developer Product Manager Leadership — Meta

Project Management — Project Management Institute (PMI)

Education

Computer Sciences
BS, Lebanese University

2012

Rehabilitation Psychology
Masters, Lebanese University

2008

Languages

English, French, Arabic (native/fluent), Italian (intermediate)