

EMILIANO MIGLIORATA

Senior Full-Stack Engineer · Web3 Engineer

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SUMMARY

Senior Full-Stack and Web3 Engineer with 6+ years delivering end-to-end products across DeFi, fintech, media, and SaaS. Architected and shipped production systems spanning React and React Native frontends, Node.js/TypeScript backends, AWS infrastructure, and Solidity smart contracts. Experienced leading cross-functional teams, owning system design decisions, and taking products from zero to launch. Equally strong in traditional full-stack engineering and on-chain development — bringing both rigour and range to senior engineering roles.

SKILLS

Languages	TypeScript · JavaScript · Solidity · C#
Frontend	React · React Native · Next.js · Redux · Tailwind CSS · Figma
Backend	Node.js · REST APIs · GraphQL · PostgreSQL · MongoDB · DocumentDB · Microservices
Cloud/DevOps	AWS (Lambda · EC2 · Amplify · Elastic Beanstalk · SNS/SQS · Route 53) · Docker · GitHub Actions · Jenkins · CI/CD
Web3	Solidity · Viem · Wagmi · Ethers.js · Web3.js · Hardhat · Foundry · Web3Auth · ERC20 · ERC721 · ERC1155
Testing	Cypress (E2E) · Unit Testing

PROFESSIONAL EXPERIENCE

Asterisk

2024 – Present

Principal Engineer (Freelance) · Remote

Sole technical lead across two SaaS products, owning architecture, infrastructure, and full-stack delivery from concept to production.

► AI Lead Generation Platform

- Architected a real-time lead generation system for public adjusters, ingesting fire department incident data via NewsCatcher and AI to surface property damage leads within minutes of an event.
- Designed and built the full stack: React dashboard, Node.js/TypeScript backend, real-time data pipelines — eliminating manual prospecting and enabling same-day outreach.

► SourceDart (sourcedart.io)

- Delivered a cross-platform SaaS for Walmart sellers: Chrome extension, iOS and Android apps (React Native), and a TypeScript backend with pricing trends, reverse sourcing, and seller analytics.
- Shipped subscription billing, in-app purchases, and social authentication end-to-end, taking the product from zero to a live SaaS with paying users across web and mobile.

WakeUp Labs

Mar 2022 – Dec 2025

Senior Full-Stack Engineer · Remote · Madrid

Led full-stack and smart contract development across multiple DeFi and Web3 client products, collaborating with ecosystem teams at Optimism and Arbitrum.

► WIN Investments

- Architected and launched a tokenization platform for professional football player economic rights (ERC1155) on Polygon Mainnet, enabling decentralized investment in future transfer revenues.
- Designed Solidity smart contracts for secure, transparent on-chain ownership and revenue distribution.

► Basilic — USDT Payment App

- Led a team to design and ship a merchant payment platform enabling USDT acceptance, integrating Alchemy Notify for real-time on-chain transaction monitoring.
- Owned end-to-end AWS deployment: Amplify, Elastic Beanstalk, Route 53, and DocumentDB.

► UniFi — DeFi Aggregator

- Built a non-custodial DeFi aggregator on Rootstock, integrating Sovryn and Tropykus protocols for swaps, lending, and yield — with Web3Auth social login for frictionless onboarding.

Toolbox

Nov 2019 – Dec 2021

Senior Software Engineer · Remote · Buenos Aires

Contributed to a large-scale live TV and streaming platform serving Fox and Warner, improving security, performance, and cross-device reach.

- Delivered a full authentication migration from cookies to JWT, improving security and horizontal scalability.

- Integrated Firebase push notifications across Chrome and mobile, enabling real-time content alerts at scale.
- Improved organic search visibility by implementing server-side rendering (SSR) with React Helmet.
- Shipped multiple React app releases using Redux and Hooks, ensuring cross-device responsive performance.

MG Group

Mar 2018 – Nov 2019

Software Engineer · Remote · Buenos Aires

Built and maintained a web and mobile platform for car loans and insurance, with a focus on infrastructure, testing, and scalable service architecture.

- Designed and deployed Node.js and C# microservices on AWS Lambda, using SNS/SQS for reliable async inter-service communication.
- Established end-to-end test coverage with Cypress integrated into a Jenkins CI/CD pipeline, reducing regression risk on every release.
- Contributed native authentication flows to the React Native mobile app.
- Refactored legacy class components to React Hooks, improving maintainability and reducing codebase complexity.

EDUCATION

Software Engineer — Universidad Nacional del Centro (UNICEN)

Tandil, Argentina

Scholarship ARFITEC — Polytech Montpellier

Montpellier, France · 2017 – 2018

LANGUAGES

Spanish (native) · **English** (fluent) · **French** (intermediate)