

Jonathan Llamas

Mendoza, Argentina | Product Engineer | jonallamas.com | linkedin.com/in/unllamas

With 8+ years of experience building digital products end-to-end, combining product judgment, interaction design, and strong frontend engineering skills. Specialized in payment systems, digital wallets, Bitcoin, Lightning Network, and AI-assisted product development. Experienced in leading MVPs, creating design systems, integrating NFC hardware, simplifying complex financial workflows, and contributing to open-source products used in real-world operations.

EXPERIENCE

LaWallet.io

Lead Product Engineer

2023 - 2026

- Led the product experience and frontend development of a Lightning wallet built as a Progressive Web App.
- Reduced onboarding to under 30 seconds by abstracting private-key and seed complexity and requiring only a username to begin.
- Built and implemented a scalable design system, starting from a custom Vanilla CSS architecture and later leading its migration to Tailwind CSS and shadcn/ui.
- Helped achieve average response times of approximately 0.3 seconds for physical payments by integrating NFC card tapping with optimized self-hosted infrastructure.
- Designed the UI/UX of a hybrid Android point-of-sale system that supported more than 5,000 sales in physical stores.
- Researched, designed, and developed products across a broader ecosystem using React, Next.js, Nostr, and Lightning Network.

LaCrypta.ar

Researcher & Frontend Developer

2023 - 2026

- Designed the user interface, supported frontend implementation, and contributed to core technical decisions for HalvingMassacre, an interactive game that reached 280 participants and distributed 0.12 BTC in prizes.
- Designed the user experience and data visualization for 1 SAT = 1 PESO, a community platform tracking the real-time parity between one satoshi and the Argentine peso.
- Researched and documented integrations involving Bitcoin, Lightning Network, and Nostr to support new products and internal initiatives.
- Spoke to audiences of 400+ attendees at events including Adopting Bitcoin, LABITCONF, and CryptoVendimia.
- Co-organized in-person and virtual events focused on expanding the Bitcoin ecosystem.

Streamdungeons

Product Designer & Frontend Developer

2021 - 2023

- Conceptualized and developed a complete gaming-oriented UI kit for DarkyClans, including visual research, backgrounds, characters, and interface assets.
- Led the responsive adaptation of a complex desktop-first application into a fluid mobile experience.
- Contributed to two successful beta phases that reached 200 users with an average daily usage time of 16–20 minutes.
- Redesigned commercial packages and monetization flows, helping increase platform revenue from approximately \$100 to more than \$7,000.

Paxo.co

Software Engineer

2022

- Reduced legacy CSS volume by approximately 10% through style normalization, class inheritance, and a consistent property-ordering convention.
- Improved code readability and maintainability by establishing clearer CSS architecture practices.
- Contributed to the modernization of the platform by supporting the migration of legacy code to Svelte.
- Documented new internal practices introduced during the migration.

Aerolab.co

UI Developer

2021 - 2023

- Built scalable, high-performance interfaces for client projects using React, Next.js, and TypeScript.
- Worked in agile environments and adapted to different product requirements using React Native, Angular, Chakra UI, and Styled Components.
- Collaborated across multiple client contexts, translating product and visual requirements into production-ready interfaces.

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OPEN-SOURCE

BitPass

[View more](#)

- Developed a Bitcoin product proposal recognized as the winning project in a Bitcoin Design initiative.
- Combined product strategy, interaction design, and technical feasibility in a focused end-to-end concept.
- Award: Second place at the The Bitcoin Designathon 2.

AI PROJECTS

BurroSpeech — Real-time translation for live events

[Website](#)

- Co-created a real-time translation product for talks, workshops, and live events during hackathon.
- Built the product collaboratively from concept to working demo under hackathon constraints.
- Award: Second place at the Aleph Crecimiento hackathon.

CONTRIBUTIONS & COMMUNITY

Human Rights Foundation

[Proposal draft](#)

Open-source Bitcoin proposal

- Developed a proposal to scale open-source Bitcoin tools, documentation, and education across Latin America.
- The proposal was not formally submitted, but documents the strategic scope, impact model, and implementation approach.

Public speaking

[Watch presentation](#) · [Slides](#)

- LABITCONF — “Goodbye Web3. Hello Web5”
Talk about Nostr, open protocols, and censorship-resistant social networks.
- Speaker at international Bitcoin community events, including Adopting Bitcoin, La Casa de Satoshi and more.

Writing and research

[View writings](#)

- Nostr vs Web3: Why Open Protocols Are the Future of Social Engineering
- Designing for the Next Billion: UX Challenges in Bitcoin & Fintech Apps
- Web 3.0: The Complete Guide to Understanding How It Works

SKILLS

Product & Design: Product discovery, MVP definition, UX/UI, information architecture, design systems, prototyping, accessibility, metrics, and validation.

Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS, shadcn/ui, Radix UI, Svelte, PWA, responsive design, and offline-first architecture.

Backend & Data: Node.js, REST APIs, server actions, PostgreSQL, Prisma, Supabase, IndexedDB, third-party integrations, and webhooks.

Bitcoin & Protocols: Lightning Network, NWC, LNURL, LUD-16/21/22, BoltCard/NFC, Nostr, NIP-05/47/57, wallets, and payment systems.

Applied AI: LLM workflows, code generation, research, AI agents, structured prompting, streaming, image and video generation, and multi-model products.

Languages: Native Spanish; basic English.