

Juan Sebastián Agudelo

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SUMMARY

Software engineer with 6+ years of experience building backend systems and distributed architectures, the last four years in fintech across Latin America. Grew from founding engineer to Tech Lead at a stablecoin settlement platform, leading the architecture that settled over USD \$2B in on-chain volume.

EXPERIENCE

Senior Software Engineer | Founding Team

2022 – 2026

Minteo – Fintech

- Led the design of the core settlement platform — on/off-ramps, fund disbursement, mint/burn, and the KYC/compliance module built under regulatory mandate and monthly external audits.
- Operated in production a platform that settled over USD \$2B in on-chain volume across Latin America — peaking at over USD \$300M in a single month — supporting more than 100,000 end users through B2B clients.
- Designed the multi-token, multi-country architecture and led the expansion to new blockchain networks, enabling a roadmap of six regional stablecoins without rewriting the core.
- Led a team of four to five engineers for over three years, reporting directly to the CTO.

Software Engineer

2021 – 2022

Cóndor Labs

- Implemented a Redis caching layer over the heaviest database queries of a B2B SaaS product, cutting perceived latency on the highest-traffic endpoints.
- Built CI/CD pipelines on GitHub Actions for the client's backend services, eliminating manual deploys and standardizing the release cycle of a five-engineer team.

Software Engineer

2021 – 2022

Arvolution – Healthtech

- Built Python ETL workflows on AWS Lambda processing workplace-incident data from industrial plants, feeding the analytics behind regulatory reports for clients such as Bavaria.
- Implemented GraphQL APIs exposing incident and operational data to the product's frontends, backed by a serverless, event-driven persistence layer.

Software Engineer

2020 – 2021

TuProp – Proptech

- Helped build the company's application MVP end-to-end, contributing across the frontend and a GraphQL backend to launch the product's first version.
- Integrated the OpenStreetMap API to power maps and geolocation in the property search experience.
- Built web scrapers and ETL pipelines with Puppeteer to collect and populate listings for the property catalog.

PROJECTS

Real-Time Colombian Sign Language Detection

- Built a real-time Colombian Sign Language detection system that captures gestures via camera and translates them into synthesized speech, using convolutional neural networks for gesture classification.

SKILLS

Languages: TypeScript, Python

Frameworks: Fastify, FastAPI, React, Next.js, GraphQL

Cloud & Infra: AWS, Kubernetes, Docker, Terraform, CI/CD pipelines

Async Processing: Temporal.io, Message Queues

Databases: PostgreSQL, DynamoDB, Redis

Architecture: Event-driven, Serverless

AI: LLMs, AI Agents, LangGraph, LangFuse