

Luis Osio Chico

Software Engineer

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Professional Summary

Full-stack Software Engineer / Developer, backend-leaning, in TypeScript, React and Node.js. Building web applications and AWS serverless backends since 2024: API performance optimization, data migrations, and feature delivery on B2B SaaS platforms. Based in Colombia (UTC-5, US East Coast overlap). English: B2 (conversational).

Skills

Languages: TypeScript, JavaScript, SQL, Scala

Backend: Node.js, NestJS, Express, REST APIs, TypeORM, Docker, microservices, serverless architecture

Cloud: AWS

Frontend: React, Tailwind CSS

Databases: PostgreSQL, MySQL, Redis

Tools: Git, GitHub Actions, CI/CD, AI-assisted development (Claude Code, Cursor, Devin), Agile/Scrum

Professional Experience

TXEN, Software Engineer

Dec 2025 – Aug 2026

- Cut company-selector load time from 5-8s to ~150ms across 14 frontend modules by designing a lightweight endpoint returning only required fields (replacing ~150K-line JSON responses).
- Core engineer on Pentica (monorepo), a B2B SaaS platform automating municipal tax compliance (ICA, ReteICA) across Colombia's 1,103 municipalities.
- Maintained and extended serverless architecture on AWS (SST v3, Lambda, RDS, S3, CloudFront, Cognito, EventBridge).
- Designed and executed a 19-phase cross-database PostgreSQL data migration (ETL) from Simplicia to Pentica: schema mapping across different column names and types, idempotent re-runs via natural-key deduplication, and an integration-validation script comparing source vs target row counts and content per municipality across 1,103 municipalities.
- Implemented continuous data synchronization from Pentica to Simplicia in production, reusing the migration's schema mapping.
- Migrated production to a new AWS account in under 12 hours (RDS snapshot, 34 GB S3 sync) under time pressure.
- Configured RDS Proxy for Lambda-to-RDS connection saturation; moved TypeORM init to Lambda Init phase to reduce cold start latency.
- Reduced 3,400 ESLint warnings to zero by reconfiguring rules to eliminate false positives and fixing all 160 remaining legitimate violations; set up Prettier across the team.

Nord Tech, Software Engineer

Dec 2024 – Oct 2025

- Promoted from Junior after consistent delivery and backend contributions.
- Worked on a real-time reservation and streaming platform with Scala and Kafka backend. Implemented tasks under a senior lead's direction.
- Supported two junior developers: assigned tasks, reviewed code against conventions, ensured goals were met.

Nord Tech, Junior Software Engineer

Jan 2024 – Dec 2024

- Migrated a fintech platform's Node.js codebase: tested, documented, and upgraded 100+ endpoints and dependencies, handling breaking changes carefully.
- Tech stack: TypeScript, Node.js, React, AWS Amplify (serverless).
- Earned promotion based on code quality, autonomy, and consistent delivery.

Projects

mdingest: NestJS API converting Medium, Dev.to and Substack articles into clean Markdown

2026

- Modular architecture per external provider (single interface): adding a provider requires no core changes.
- Deployed on Cloudflare Containers: mdingest.knightker.workers.dev.

italki-cli: CLI and MCP server over italki's undocumented API (TypeScript/Bun, Zod validation, layered architecture): github.com/LOsioChico/italki-cli

2026

Education

Fundación Universitaria Horizonte (UniHorizonte), Colombia

2025 – In Progress

Software Engineering (Ingeniería de Software)

Alura LATAM, Colombia

2024

Oracle Next Education F2 T6 Back-end: 286 hours, 6 training courses