LEANDRO DIAS

TECH LEAD | SENIOR SOFTWARE ENGINEER

Available for part-time and project-based engagements · Remote

hello@leandrodias.dev
+55 11 96583-8425
linkedin.com/in/leandrodias
leandrodias.dev · github.com/le17i
Santana de Parnaíba, São Paulo, Brazil

SUMMARY

I'm a proactive Tech Lead and Senior Software Engineer with 15+ years of experience across logistics, fintech, and e-commerce.

I'm driven by understanding client needs and solving real business problems through technology, and passionate about sharing knowledge and mentoring engineers so the whole team grows together. I have led teams of 4–7 engineers, up to 15.

Technically, I focus on building scalable, asynchronous, event-driven systems in TypeScript, backed by strong observability practices and an AI-assisted delivery workflow with Claude Code. I'm open to part-time and project-based work: architecture reviews, observability, and AI-assisted delivery.

EXPERIENCE

Senior Software Engineer

Portless | Feb/2025 - Jul/2026 | Canada | Remote

Async integrations for global logistics (Firebase, Hookdeck, Inngest, Pub/Sub) at ~1.5M events/day.

Payment gateway integration

Designed the integration end to end: entity definitions, file-based ingestion, data normalization and enrichment, and sync into our database. Webhook-driven events, plus a scheduled reconciliation cronjob that proactively fetches events a lost webhook would have dropped. Idempotency and payload validation based on hashes.

Distributed tracing across async event chains

Inngest runs each step as a separate HTTP request, which broke trace propagation across services. Built a custom `SentryTraceMiddleware` that carries trace context in the event payload and restores it on every step. Gave the team a defined diagnostic flow: shared tooling, known places to look, and a clear order of analysis.

Agent-driven delivery workflow

Features ship through a circuit of agents (Claude Code) with explicit definitions, guardrails, and documentation with clear directives. Engineers govern what ships: architecture, risk and failure analysis, test scenarios, and review.

Customer dashboard portal

Delivery metrics, orders needing attention, and inventory management, plus customer invoice payments integrated with Stripe.

TypeScript · Node.js · Express.js · React · Vitest · Inngest · Firebase · Pub/Sub · Hookdeck · Sentry · Stripe · GitHub Actions

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Tech Lead

Liber Capital | Aug/2022 - Feb/2025 | São Paulo, Brazil | Remote

Led teams of 4–7 engineers (up to 15): technical decisions, Scrum ceremonies, and coaching.

Invoice payments bridge (RabbitMQ)

Led the migration of the partner that managed payments of granted credit, building an event-driven service that bridges our platform and the new partner. The service consumes invoice orders from RabbitMQ, normalizes them for the partner API, maps the response back to our model, and publishes an event for the core service to sync. It also proactively polls the new partner for pending events and relies on safer webhooks, fixing stale and inconsistent data and cutting invoice processing from ~1 day to ~1 hour.

TypeScript · Node.js · NestJS · React · Vitest · RabbitMQ · MongoDB · PostgreSQL · Docker · Kubernetes · Helm · Terraform

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Senior Frontend Developer

HeroSpark | Apr/2021 - Jun/2022 | Curitiba, Brazil | Remote

Built the new checkout for online course sales with Nuxt and Vue 2 (Options API), hosted as a static site on AWS S3 with GitHub Actions CI/CD.

Composition API migration

Migrated to Nuxt 2 with the Composition API (`@nuxtjs/composition-api`).

State management

Removed Vuex and moved state into composables with a clear separation of responsibilities: computed values deliver formatted data to the UI (e.g. currency), and composables hold the actions (API calls, frontend payment gateway integration).

Performance

Improved performance to a 100% Lighthouse score.

Conversion features

Shipped upsell and order bump.

TypeScript · Nuxt.js · Vue.js · Jest · GitHub Actions

Senior Frontend Developer

FreteBras | Jun/2020 - Mar/2021 | São Paulo, Brazil | Remote

Rebuilt a legacy PHP/Bootstrap freight-shipment platform from scratch using Next.js/React and built the CI/CD pipeline (GitLab CI, Docker, AWS EKS).

Technical leadership

Acted as unofficial tech lead: technical specs, user stories, pair programming, and led the frontend chapter.

TypeScript · PHP · React · AngularJS (v1) · Laravel · Docker · Kubernetes · Terraform

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Senior Frontend Developer

CargoX | Apr/2019 - May/2020 | São Paulo, Brazil | Hybrid

Built the B2B portal where customers handle onboarding and manage their cargo.

TypeScript · Vue.js · React · Apollo GraphQL · Jest · GitHub Actions

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Senior Frontend Engineer

Ciclic | Jun/2017 - Mar/2019 | São Paulo, Brazil

Founding team of an investment and insurance brokerage backed by Banco do Brasil.

Founding team (Vue 2)

Built the first versions of the institutional website, the investment simulator on a REST API (results in under 100 ms), the new-account onboarding (step-by-step data entry), and the customer platform for managing investments.

Component library

Created a Vue 2 component library with Ciclic's design, published as a private npm package and used across the simulator, onboarding, and customer platform.

Travel insurance product

Created the product: trip dates and travelers, compatible plans, purchase, and policy issuance. Built on the component library; MVP delivered in two weeks.

TypeScript · Vue.js · Jest · GitHub Actions

Front-End Developer

iCasei | Jan/2016 - Jun/2017 | São Paulo, Brazil

Built the admin for the wedding website (B2C portal).

JavaScript · AngularJS (v1) · Ruby on Rails · Jenkins

Front-End Engineer

Admotion S.R.L. | Sep/2013 - Oct/2015

Developed the interface for a business intelligence web application (MARS); configured Google Tag Manager.

Full-Stack Developer

Agência Creative House | Mar/2013 - Sep/2013

Developed hot sites, web apps and advertising pieces using Adobe Flash.

Junior Programmer

SEO Marketing Brasil | Jan/2011 - Feb/2013

Developed and maintained institutional websites and WordPress themes/plugins; performed SEO optimization.

TECHNICAL SKILLS & EDUCATION

Core stack	TypeScript 10y · JavaScript 13y · Vue.js 9y · React 6y · NestJS 4y · Next.js 3y · Node.js
Messaging	Inngest · Hookdeck · Pub/Sub · RabbitMQ · Microservices · REST APIs
Infrastructure	Firebase · GCP · AWS · Docker 8y · Kubernetes 6y · Terraform
Data	PostgreSQL 5y · MongoDB 5y · Redis 5y · Elasticsearch
Observability	Sentry · OpenTelemetry · Datadog · New Relic · Grafana · CI/CD (GitHub Actions, GitLab CI)
Practices	Agile/Scrum · Kanban · Technical mentorship · AI-assisted development (Claude Code)
Education	ETEC Lauro Gomes — Technical Diploma in Information Technology (2007–2008)
Languages	Portuguese (native) · English (C1)