

Luiz Claudio Perin Casara

Tech Lead | Senior Full-Stack Engineer

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PROFESSIONAL SUMMARY

Tech Lead and Senior Full-Stack Engineer with 10+ years of experience designing and delivering high-criticality software at scale. Currently leading two development squads at a fintech company, owning 7 core financial products with sub-20ms response time SLAs and 350+ TPS throughput. Strong track record of translating complex business problems into scalable, maintainable architectures using micro-frontend patterns, React/TypeScript, GraphQL, and Node.js. Experienced in Spec-Driven Development, cross-functional team leadership, and integrating AI tools to accelerate engineering workflows. Open to remote opportunities with US-based teams.

PROFESSIONAL EXPERIENCE

Tech Lead / Senior Front-End Engineer | Dock

May 2022 – Present

Fintech infrastructure company powering banking-as-a-service for major Brazilian financial institutions

- Lead two cross-functional development squads, owning architecture decisions, delivery planning, and code quality.
- Technical owner of 7 core financial products covering operational registration, authentication, and transaction authorization.
- Maintain systems with strict SLAs: ≤20ms response time and 350+ TPS sustained throughput.
- Architecting a unified front-end platform consolidating configurations from N internal services into a single interface, reducing operational overhead.
- Driving adoption of Spec-Driven Development methodology across squads to improve predictability and alignment.
- Building and maintaining a micro-frontend architecture with React + TypeScript, GraphQL (Apollo), Node.js BFFs, and Python APIs.
- Daily use of Claude Code and GitHub Copilot to accelerate development workflows and code reviews.

Senior Full-Stack Developer | Maxxidata

Oct 2019 – Jan 2023

Technology consulting firm delivering enterprise solutions across multiple industries

- Delivered multiple concurrent client projects, rapidly adapting to diverse tech stacks and business domains.
- Developed full-stack features using React, TypeScript, Node.js, and various databases; contributed to business analysis and data modeling.
- Strengthened expertise in performance optimization, API design, and agile delivery practices.

Senior Full-Stack Developer | TOTVS (Wealth Systems)

Oct 2018 – Present (Contract)

TOTVS is Brazil's largest ERP company; this engagement focused on the Wealth management vertical

- Developed front-end and mobile features with React, React Native, TypeScript, CSS/Sass, and Styled-Components.
- Collaborated with backend teams on Java services and Postgres database integrations.
- Set up and maintained CI/CD pipelines and led E2E quality initiatives using Cypress.
- Contributed to AG Grid implementations for complex data table experiences.

Software Analyst & Developer | ISP Saúde (SmartBR)

Jan 2014 – Oct 2018

Healthcare technology company providing software for health plan management

- Acted as both analyst and developer: gathered requirements, designed database schemas, and created technical documentation.
- Built process automation tools and marketing integrations with Google Workspace APIs for the first 3 years.
- Pioneered the company's e-commerce platform using React (micro-services), Spring Boot, and Java — introducing modern front-end practices to the organization.
- Core stack: Java with JPA/Hibernate, Oracle Database, REST APIs.

QA / Test Analyst | Tecinco Informática

Jan 2013 – Dec 2013

- Conducted functional, regression, and flow testing across the full product suite; authored test documentation and standards.
- Responsible for training new QA team members.

TECHNICAL SKILLS

Leadership & Process: Tech Leadership · Spec-Driven Development · Squad Management · Architecture Review

Front-End & Mobile: React · Next.js · TypeScript · React Native · Tailwind CSS · JavaScript · HTML · CSS · Sass · Styled-Components

Back-End & APIs: Node.js · GraphQL (Apollo) · REST APIs · Java (JPA/Hibernate) · Python · Spring Boot

Databases: PostgreSQL · Oracle · SQLite

QA & DevOps: Cypress · E2E Testing · CI/CD Pipelines · Git · Linux · AG Grid

AI Tools: Claude Code · GitHub Copilot

EDUCATION

Bachelor of Science in Computer Science – Universidade Anhanguera, Cascavel, Brazil

2011 – 2014

LANGUAGES

Portuguese: Native

English: Intermediate — reading, writing, and spoken communication

ADDITIONAL INFORMATION

- Scout Section Leader (volunteer): regional coordinator for western Paraná, supporting all local groups in the area.
- Founder of a Scout Group (2012–2014): led all organizational and program responsibilities from inception.
- Driver's license: categories A and B (Brazil); available to travel if required.