

Luiz Pansarini

Principal Software Engineer | Full Stack Developer

Jundiaí, SP – Brazil | 34 years old

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Github: github.com/luizhap

Portfolio: pansarinitech.vercel.app/

PROFESSIONAL PROFILE

Full Stack Developer with solid experience building high-performance web and mobile applications. Passionate about solving complex problems and embracing new technologies, with a proven track record across e-commerce platforms, superapps, B2B products, and large-scale projects.

PROFESSIONAL EXPERIENCE

Machinery Partner

Sep 2023 – April 2026

Principal Software Engineer

- Architected and led the migration of the company website from a no-code platform to a Next.js + headless CMS ecosystem.
- Developed the mobile app using React Native with Expo, delivering native experiences on iOS and Android.
- Led the development of the first e-commerce platform for Heavy Machinery in the US market.
- Designed a system for Product Registration, Orders, and Finance Flow with microservices-based backend architecture.
- Built a conversation analysis platform for sales reps using AI transcription and RAG storage; orchestrated agents via Mastra.ai.
- Adopted AI-powered coding tools — Cursor, Claude Code, and OpenAI Codex — to accelerate development and raise code quality.
- Maintained high test coverage with Jest (unit) and Cypress (integration/E2E).
- Built an internal PDF generation service for marketing and presentations.
- Designed backend and BFF services with Fastify and Elysia (Bun); integrated ERP webhooks (Odoon).
- Led code reviews focused on quality, performance, and best practices.

Luizalabs (Magazine Luiza)

Dec 2021 – Sep 2023

Senior Software Engineer

- Full Stack development using React, TypeScript, Stitches, and Radix on the frontend; Nest.js on the backend.
- Developed React Native features to create WebViews within Magazine Luiza's Superapp.
- Maintained unit, integration, and end-to-end test coverage above 95% across all projects.
- Delivered new features and internal tools aimed at improving team processes and user experience.
- Configured a CMS for non-technical teams to independently manage promotions.
- Performed code reviews across the squad via GitLab.
- Implemented proof-of-concept projects with GitLab CI and Argo CD.

Corebiz

Jan 2021 – Dec 2021

Full Stack Developer – VTEX

- Implemented features and bug fixes for the Whirlpool/Brastemp website using React, GraphQL, Node.js, and VTEX IO.
- Participated in daily standups with the ECare squad following a Kanban methodology.
- Built UI components from layouts delivered by the Product Design team.
- Conducted code reviews via Bitbucket and documented solutions in Jira.
- Joined product brainstorms and performed stress tests to catch bugs before and after deployment.

UAUBox

Nov 2019 – Jun 2021

Full Stack Developer

- Built features from Figma/Adobe XD mockups using Next.js, Redux, TypeScript, and CSS3.
- Co-created a company-wide Design System using Storybook, TypeScript, and Material-UI.
- Participated in full SCRUM ceremonies: Daily, Review, Retro, and Planning.
- Analyzed Marketing dashboards to guide CRO actions and continuous SEO improvements.
- Maintained and extended the company blog using WordPress, HTML, CSS, and jQuery.

Klabin S/A

Aug 2012 – Aug 2019

Senior IT Support Analyst

- Logged and resolved technical incidents; provided guidance and support to end users.
- Built internal dashboards using Power BI.
- Maintained desktops, laptops, and Dell servers.
- Developed interfaces to automate infrastructure provisioning.

EDUCATION

B.Eng. in Control and Automation Engineering

Graduated 2016

Faculdade Anhanguera de Jundiaí




Associate Degree in Systems Development

Escola Técnica Vasco Antonio Venchiarutti

TECHNICAL SKILLS

Mobile	React Native, Expo
Frontend	Next.js, React, TypeScript, JavaScript, HTML5, CSS3
CSS / UI	Tailwind CSS, Shadcn/UI, Styled Components, Stitches, Radix, Material-UI
Backend	Node.js, Nest.js, Fastify, Elysia (Bun), Express, Microservices
Databases	PostgreSQL, MongoDB, MariaDB
Testing	Jest, Cypress (unit, integration, E2E)
Cloud / DevOps	AWS, Google Cloud, Vercel, GitLab CI, Argo CD
Tools	Git, GitHub, GitLab, Bitbucket, Jira, Figma
Platforms	VTEX IO, Odoo (ERP/webhooks), WordPress

LANGUAGES

-  Portuguese — Native
-  English — C1 Advanced
-  Spanish — Basic

ADDITIONAL INFORMATION

- Design Thinking / Design Sprint — Echos Design Thinking School
- Volunteer work at NGO Sonhar Acordado — Jundiaí, SP, Brazil