

JEAN DIEGO DAL SANTO

Senior Software Engineer — Full Stack / Frontend Systems

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PROFESSIONAL PROFILE

Senior Software Engineer with deep frontend systems experience and full-stack work across TypeScript, React, Node.js, GraphQL and production PostgreSQL through Drizzle/Neon. Experienced in frontend architecture, performance, microfrontends, internal tooling, production software products and modernization of complex systems across healthcare, fintech, banking and real estate.

SELECTED RESULTS

- Reduced redundant traffic by 65% (~5.5M requests/month) in a healthcare microfrontend platform.
- Improved complex-screen performance by approximately 80% and accelerated delivery by roughly 2x in a Plaenge commercial workflow.
- Build and operate Orquesto, a production SaaS with React/TanStack Start, Cloudflare Workers, Neon PostgreSQL and Drizzle ORM.
- Automated internal time logging by integrating Taskweb and Senior, reducing a minutes-long workflow to seconds.

CORE EXPERTISE

Frontend: React, TypeScript, JavaScript, React Native, Vite, TanStack Query, TanStack Router, Zustand, Tailwind CSS, shadcn/ui

Full stack and data: Node.js, Fastify, GraphQL, REST/OpenAPI, Cloudflare Workers, PostgreSQL, Drizzle ORM, Neon, DynamoDB, Docker

Architecture: Frontend architecture, Feature-Sliced Design, Clean Architecture, SOLID, Single-SPA microfrontends, design systems, PWA, domain/state modeling

Quality and delivery: Vitest, Playwright, React Testing Library, Jest, MSW, Storybook, CI/CD, code review, technical documentation, observability

Product and AI: Technical discovery, architecture decisions, mentoring, user-centered problem solving, Claude Code, Codex/GPT, Cursor, OpenCode

PROFESSIONAL EXPERIENCE

SYNKO SOFTWARE E INOVAÇÃO | 2025 – Present

Full-Stack Engineer — Dasa / NAV Healthcare Products | Itajaí, Brazil

- Joined as a React specialist for a platform team and now contribute as a full-stack engineer in the Scheduling product team across React microfrontends, Node.js BFF/GraphQL integration, product flows, performance and platform evolution.
- Designed and implemented a fetch interceptor in the NAV microfrontend orchestrator, centralizing BFF GraphQL token refresh, request queuing and partner-session handling; reduced redundant traffic by 65% (~5.5M requests/month).
- Modernized the exam-scheduling microfrontend to Vite, React 19, TypeScript and Single-SPA, aligning production import-map output, local MSW development, error boundaries and platform build conventions.
- Led the unit-filtering and favorite-units experience, combining React Hook Form, Zod, feature flags, URL state, debounced persistence with rollback, analytics and integration tests.
- Built reusable tooling, including a typed onboarding-tour framework, MFE scaffolding CLI and role-based Cursor workflows/plugins for engineering, QA, product and onboarding.

Independent Product Engineering / Software Consulting | Brazil

- Build and operate Orquesto, a production SaaS for independent consultants, owning discovery, domain modeling, React/TanStack Start, Cloudflare Workers, Neon PostgreSQL with Drizzle ORM, authentication, Stripe billing, i18n, observability and deployment.
- Design and maintain a production PostgreSQL schema on Neon through Drizzle ORM, covering workspace-scoped ownership, clients, tasks, subscriptions, legal consent, constraints, indexes, migrations and server-side validation.
- Built Manas, a production Instagram content editor/generator that models brand rules as typed tokens, semantic color roles, templates, artboards and layers.

DB1 GLOBAL SOFTWARE | Oct 2021 – Oct 2025

Senior Frontend Developer | Brazil

Omni Banco — Senior Frontend Developer | Jul 2025 – Oct 2025

- Contributed to a shared Design System for Single-SPA microfrontends and reviewed code across teams, applying architecture patterns, lazy loading, HTTP caching, Storybook and GitHub Actions.

Plaenge — Senior React / React Native Developer | Oct 2021 – Oct 2022; Feb 2023 – Jul 2025

- Led the technical strategy to replace a deprecated Atlas Sync architecture by reframing the initiative around the real sales workflow.
- Observed end users and identified that mobile constraints, offline sync, slow workflows and low-value features pushed sales teams back to spreadsheets; proposed a React web/PWA aligned with real work.
- Rebuilt the frontend with Feature-Sliced Design, TanStack Query, query factories, React Hook Form, adapters, builders/factories and discriminated unions, replacing broad Redux-Saga and Formik patterns.
- Improved complex-screen performance by approximately 80%, accelerated delivery by roughly 2x and delivered the replacement in six months, followed by two months of sales-calculation validation.
- Architected the initial structure for Plaenge's Supplier Management system, defining stack, processes, repository setup, Docusaurus documentation and team-composition suggestions.

Avenue — React Web Developer | Oct 2022 – Feb 2023

- Improved the funds page loading time by approximately 32% on an investment funds platform serving more than 500k users.
- Implemented full integration with Morningstar reports in the funds experience, connecting third-party data and reports into the product.

Tic Task — Full-Stack Internal Automation | DB1 context

- Built a full-stack internal tool integrating Taskweb and Senior to automate daily time logging, recurring entries, existing-entry recovery and punch-clock context.

EARLY PRODUCT EXPERIENCE

OVERLEGENDS — FANTASY GAME PLATFORM | Jan 2019 – Jul 2021

Co-founder, Product Owner & React Native Developer | Brazil

- Co-founded a fantasy game for Brazil's CBLOL league, defining business rules, user journeys, UX prototypes and the connection between product vision and technical implementation.
- Built solutions with React Native, GraphQL, Apollo Client and state management; scaled a fan-engagement campaign from fewer than 20 users to approximately 5,000 registrations in one hour.

EDUCATION, LEARNING & LANGUAGES

Bachelor's Degree in Business Administration — Instituto Cenecista Fayal, 2014–2017

Rocketseat — Ignite Specialization, Advanced React Native & Frontend (2021–2022); Full-stack Web Development Bootcamp (2020)

Languages — Portuguese (native); English B2 Independent — EF SET 58/100, 2026