Nathan S. Santos

Senior Fullstack Software Engineer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Fullstack Software Engineer with 7+ years of experience building high-performance web and desktop applications. Progressed from junior frontend developer to chapter lead and senior fullstack engineer, with a track record of shipping complex products, leading migrations, and mentoring developers. Self-taught and coding daily since 2018.

TECHNICAL SKILLS

Frontend: React 19, Next.js, React Native, Electron, TypeScript, Canvas API, Chakra UI, Zustand, HTML5, CSS/SCSS **Backend:** Node.js, Fastify, tRPC, Express.js, REST APIs, WebSocket **Database:** PostgreSQL, TimescaleDB, Drizzle ORM, MongoDB, MySQL **Testing:** Vitest, Cypress, Testcontainers, Jest **Tooling:** Git, pnpm, Vite, Monorepo Architecture, ESLint, GitHub Actions

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EXPERIENCE

Senior Fullstack Developer — Clint Digital
Jun 2023 – Feb 2026 | Florianópolis, SC (Remote)

- Built and shipped core platform modules: Subscriptions, Payments, Permissions, Contacts, and Chat
- Led a full **React 16 → 19 migration** across the entire frontend codebase
- Implemented **Chakra UI 3** replacing Bootstrap 4; created the company's design system and component styleguide
- Upgraded Node.js from a legacy version, modernizing the full dependency tree
- Built monorepo package tooling to improve developer experience across the team
- Worked on Automations and AI features; designed and developed the platform's mobile version
- Helped establish the automated testing infrastructure (unit + e2e)
- Mentored junior developers and made architecture and product decisions

Tech: React 19, TypeScript, Node.js, Chakra UI 3, monorepo architecture

Junior → Frontend Engineer → Lead Engineer → Frontend Chapter Lead — W16 Software House
Feb 2019 – Jun 2023 | Florianópolis, SC (Remote / On-site)

- Progressed from junior developer to chapter lead in 3 years
- Led a front-end chapter: implemented quality standards, interviewed candidates, mentored new hires
- Shipped 7+ client projects across web, mobile, and desktop:

- **Rokkos** — Marketplace with facial recognition (React, MobX, Material UI)
- **Turno Inverso** — Mobile app connecting students with teachers (React Native, MobX)
- **Let's Hike** — Trail safety app for Florianópolis (React Native, Redux)
- **Engie TAG** — Institutional website for a natural gas company (WordPress, Sass)
- **Unne** — Growth analytics PWA for SMBs (Vue.js, Quasar)

Tech: React, React Native, Next.js, Svelte, Node.js, Electron, Cypress, Jest

Frontend Developer — Freelance
Sep 2018 – Feb 2019 | Florianópolis, SC
- Developed websites and mobile applications for local clients

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OPEN SOURCE

- **evolution-graph** — Animated, responsive, dependency-free data visualization library. Published on npm. ★ 46
- **pure-components** — Dependency-free UI component library with 17 components and 99% test coverage. ★ 9
- **podjs** — Open source podcast app built with Next.js, MobX, and Chakra UI. ★ 12

CERTIFICATIONS

- **JavaScript Masterclass** — branas.io (2023)

LANGUAGES

- **Portuguese:** Native
- **English:** Professional working proficiency
- **Spanish:** Limited working proficiency