

Alick Buscariolli

Senior Full Stack Engineer | React, TypeScript & Node.js

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PROFILE

Full stack engineer who designs and ships production **React, TypeScript and Node.js** systems end to end, from database schema to deployed interface. **8 years** delivering commercially, with React shipped at **12WBT**, at **uPaged** and now on **Nyvo**, where I am sole engineer on a **Node.js backend** (NestJS 11), four **Next.js 16 / React 19** front ends and a **95-model PostgreSQL** schema for a live platform serving **1,300 registered users and 130 daily actives** (August 2026).

I work across **multiple codebases** and own the decisions that hold them together: one **typed API contract** consumed by every client, **3rd-party API integrations** including **Stripe Connect payments**, and **testing, code review** and **observability** built into delivery rather than added after it. I ship **AI into production** and run an AI-native engineering practice on Claude Code, governed by enforced repository guardrails.

CORE SKILLS

Languages TypeScript (strict) · JavaScript (ES2023) · SQL · HTML & CSS · Node.js 22 · Dart

Front end React 19 · Next.js 16 App Router · React Server Components · Next.js 14/15 · Tailwind v4 · shadcn/ui · Radix · Framer Motion · next-intl · CSS Modules · design systems & tokens · accessibility · Angular

Backend Node.js · NestJS 11 · Express 5 · REST API design · typed OpenAPI clients · Zod · class-validator · authentication & authorisation · webhooks · cron & queues · rate limiting

Data PostgreSQL · Prisma · Drizzle · Neon · Redis (Upstash) · BigQuery · Firestore · idempotent migrations

3rd-party APIs Stripe & Stripe Connect · Stripe Elements · RevenueCat · Mux · Google Maps · Google Cloud Vision · Firebase

AI & Agentic Engineering Anthropic SDK · agentic tool-use loops · forced-tool structured output · Claude Code (skills, hooks, subagents, orchestration) · Cursor · AI code-review gates · prompt & context engineering

Cloud & Delivery Vercel · Turborepo · pnpm workspaces · GitHub Actions · CI/CD pipelines · promotion gates

Quality & Observability Vitest · Jest · Playwright end-to-end · ESLint · i18n parity validation · Sentry · structured logging

Ways of Working code review · pairing · mentoring · refactoring · end-to-end ownership from schema to interface

Also Flutter & Dart (7 years) · React Native · Expo · Ionic

FOUNDER & TECHNICAL LEADERSHIP

Concurrent with the salaried role below. Nyvo is a co-founded venture where I hold the sole engineering remit.

Technical Co-founder — Nyvo · nyvo.com.au

Apr 2026 – Present · Sydney, Australia

Multi-tenant community platform for immigrants settling in Australia. Live on both app stores and on the web at app.nyvo.com.au, with **1,300 registered users and 130 daily actives** as at August 2026.

- **Sole engineer** on a Turborepo monorepo of eight applications and five shared packages: a **Node.js API on NestJS 11** with 50+ feature modules, four **Next.js 16** front ends (admin, marketing site, partner portal, web app) with **179 App Router pages**, and three Flutter clients. 4,000+ commits as at September 2026.
- Designed a **95-model PostgreSQL schema** with Prisma, covering events and ticketing, chat, social feed, jobs, housing, business directory, moderation, referrals, guest lists, polls and audit logging, with idempotent migrations across three environments.
- Built **payments** on **Stripe Connect Express**: platform-fee event ticketing and a recurring partner plan, with **webhook reconciliation** and guarded refund paths, surfaced through **Stripe Elements** checkout (guest checkout included) and embedded Connect onboarding in the partner portal.
- Built the front end people work through: **Recharts** analytics and revenue dashboards, **Google Maps** discovery with marker clustering, on a **shared design system** of 15 components with CSS design tokens and **ARIA** semantics.
- Generated a **typed OpenAPI client** consumed by every front end, so a contract change surfaces as a compile error rather than a runtime bug, and shipped **15 locales including RTL** from one locale contract, with a key and ICU-placeholder parity check that fails the build on drift.
- Engineered production **LLM extraction**: a schema-driven completion service using forced tool-use for guaranteed-valid JSON, cost-tiered model selection, bounded timeouts and graceful degradation to manual entry when unconfigured.

- Built the **engineering practice, not just the product**: 56 **Playwright** end-to-end specs and 64 **Vitest** unit test files as at September 2026, **Sentry** and structured Pino logging, Redis rate limiting and Helmet, dev/staging/production promotion gates, and Claude Code repository hooks that block pushes to protected branches, dependency footguns and untranslated copy before they reach review.

Co-founder — NavRide · navride.com.au

Sep 2023 – Aug 2026 · Sydney, Australia

- Co-founded an in-ride advertising and entertainment startup, building both the in-car tablet app and the passenger mobile app from scratch.

Founder, Flutter Dicas — educational platform for Brazilian developers, on a Next.js front end. 60+ hours of published content and 200+ students across Udemy and Hotmart.

EXPERIENCE

Full Stack Developer — StepInsight

Apr 2024 – Present · Sydney, Australia

- Build the **Angular** master admin and hospital admin consoles for **Somnivet**, veterinary anaesthesia software with digital anaesthesia records, automated drug calculations and real-time telemonitoring, alongside its Flutter web clinical app, and work in **JavaScript** and **NestJS** alongside the mobile products.
- Own client products end to end across architecture, delivery and release: built **Arkhival** (resumable chunked uploads, Mux video, RevenueCat, deep links) and delivered **SoberMate** from empty repository to release by directing AI coding agents through implementation and test scaffolding.
- Maintain **six production apps** concurrently, running full release cycles to the App Store and Play Store, and lead the **refactoring** work on them where maintainability rather than features is the constraint.

Referee: Eduardo, StepInsight. Contact details on request.

Flutter & React Developer — uPaged

Apr 2023 – May 2024 · Sydney, Australia

- Delivered a healthcare marketplace matching clinicians to shifts across **three codebases at once**: **React** on the web, **React Native** on mobile and Flutter for the hospital staff app, all against **one shared REST API**, covering shift scheduling, staff management, ratings and secure authentication.
- **Mentored two junior developers** while remaining hands-on, running **code review** and pairing.

Referee: Ben, uPaged. Contact details on request.

Front End Developer — 12WBT

Sep 2019 – Mar 2023 · Sydney, Australia

- Worked in **React** on the 12WBT web app alongside the Flutter build.
- Built the 12WBT app and designed a custom architecture that reduced long-term maintenance cost on a multi-year consumer product with a large subscriber base.
- Delivered subscriptions, Chromecast, push notifications, authentication, test coverage and CI/CD, plus a **white-label build** serving multiple branded deployments from one codebase.

Referee: Michelle Bridges, 12WBT. Contact details on request.

Front End Developer — Digiground

Dec 2018 – Oct 2019 · Sydney, Australia

- Delivered cross-platform mobile and web apps for commercial clients using Ionic, Angular and TypeScript.

Earlier — Mobecom, **MEAN stack** (MongoDB, Express, Angular, Node) and mobile intern (2018) · Baassoft, front end web and mobile in JavaScript (2015–2016), Brazil.

SELECTED FULL STACK PROJECTS

Scandidates — AI recruitment platform on **Next.js 15 / React 19**. Resume and job analysis, candidate matching, Stripe billing.

Fitness AI — **Next.js / React** service generating personalised workout and diet plans as PDFs, paid through Stripe.

EDUCATION

Bachelor of Information Technology (Mobile Apps) — Academy of Interactive Technology, Sydney · 2017–2019

Postgraduate, Industry Automation — USP Polytechnic, Brazil · 2015–2016

Bachelor of Electrical Engineering (Computer) — FEI, Brazil · 2010–2015