

Allan Stocco Rezende

Full Stack Engineer · React Native & Node.js

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PROFILE

Full Stack Engineer with 4+ years shipping production React Native applications as the sole mobile developer at a UK SaaS startup. I own the mobile stack end to end — architecture, native iOS/Android builds, App Store and Play Store releases, OTA updates and push infrastructure — and build the Node.js services behind it. I also design, ship and maintain my own apps as a registered UK app developer, including two live store releases. Comfortable owning technical decisions with minimal supervision in small, high-ownership teams.

TECHNICAL SKILLS

Mobile React Native, Expo (managed & bare workflow), React Navigation, Reanimated, native module debugging, deep linking, push notifications (FCM/APNs, Customer.io), OTA updates, App Store Connect & Google Play Console releases, Xcode & Gradle builds

Frontend React, Next.js 15, TypeScript, Chakra UI

Backend Node.js, Express, Koa, REST APIs, WebSockets, microservices, Supabase edge functions, Payload CMS

AI RAG pipelines, vector databases, Anthropic API, streamed token-by-token responses

Data PostgreSQL, MySQL, Redis, Neon

Cloud & DevOps AWS (EC2, S3), GitHub Actions CI/CD, PM2, Cloudflare R2, Stripe, Asaas / Pix

PROFESSIONAL EXPERIENCE

Full Stack Engineer — MWX LTD, Sevenoaks, UK (2022 – Present)

Core engineering team of three (frontend lead, backend engineer, CTO), reporting directly to the CEO, coordinating with a remote development team in India. Sole mobile developer across all products.

warpSpeed — AI productivity app (React Native / Expo) [2024] – Present

- Sole developer of the React Native app, owning architecture, releases and production support for [N] users across iOS and Android.
- Built and shipped five third-party OAuth integrations — Gmail, Google Calendar, Outlook, Yahoo and iCloud — covering token refresh, sync and error recovery.
- Designed the push notification and deep-linking architecture, integrating Customer.io end to end (FCM token registration via SDK, CDP Pipelines credentials, route-path notification payloads to keep campaign config in sync with app code).
- Implemented streaming AI responses in Expo using expo/fetch and ReadableStream, giving token-by-token output instead of blocking on full completions.
- Set up OTA updates with minimum-version enforcement, so JavaScript-layer fixes reach users in hours rather than waiting on store review.
- Diagnosed and fixed native build failures that blocked releases, including an iOS dependency cycle introduced by a NotificationServiceExtension target and an Xcode 16.x build-hang regression.
- Contributed backend features across three Node.js services (main API, upload API, socket API), including real-time functionality and RAG retrieval over a vector database.

Flix Premiere — video streaming platform (web, mobile, smart TV) [2022] – [2024]

- Built React Native / Expo features for the mobile app and Node.js microservices for content delivery, working across three delivery targets from a shared API layer.

Entrepreneur Seminar — educational SaaS platform [2022] – Present

- Sole developer of a Next.js and Node.js platform, delivered from frontend through to backend infrastructure and deployment.

Cross-product platform work

- Integrated Stripe subscription billing (three tiers, GBP/USD) on a Koa backend using the Checkout-hosted flow, chosen over Elements to keep card data out of scope.
- Owned CI/CD pipelines in GitHub Actions and production infrastructure on AWS (EC2, S3) with MySQL and Redis.

INDEPENDENT PROJECTS

Zapem — WhatsApp AI agent platform for small Brazilian service businesses*Live on App Store & Google Play*

- Built and shipped solo as a registered UK app developer: Expo React Native client, Node.js / Supabase backend, Evolution API on AWS EC2 (Amazon Linux 2023, PostgreSQL 15, Redis, PM2, eu-west-1), with Anthropic models driving the agent.
- Integrated Asaas white-label subaccounts for frictionless Pix payments, plus Supabase edge functions and webhook handling for message delivery.
- Handled the full release path — store submission to both platforms, version gating, splash screens, icons — and laid i18n groundwork for EN-GB.

Pousada Mirante Serra da Canastra — commercial website*[LIVE URL]*

- Next.js 15, Payload CMS v3, Neon Postgres, Cloudflare R2 and Resend, designed around a non-technical editor so the owner can maintain content without a developer.

EDUCATION

BSc Computer Systems Analysis and Development (2022 – 2025)

Universidade Cruzeiro do Sul, Brazil

LANGUAGES

Portuguese — native · English — fluent