Joseito Terence Fernandes

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SUMMARY

Results-driven Software Engineer specializing in modern technologies. Committed to delivering innovative, high-quality solutions that drive business success.

SKILLS

Expo/React Native, Next.js, React.js, Typescript, Javascript, HTML, CSS, Redux, MongoDB, SQL, Git, Tailwind, Reanimated, TRPC

WORK EXPERIENCE

Lissen   **Jan 2025 - Present**
Principal Software Engineer   *London, UK*

- Developed high-quality mobile applications using React Native, with end-to-end feature from frontend UI to backend logic and enhancing user experience across iOS, Android, and Web platforms.
- Built external playlist import system supporting Spotify, Apple Music, and YouTube Music with ISRC-based song matching, batch operations, Cloud Function processing via PubSub and real-time sync progress tracking.
- Built offline music download system integrating SQLite with Drizzle ORM, implementing download manager handling queue management retry logic supporting seamless offline/online data merging.
- Spearheaded React Native-to-web platform expansion from zero web support, architecting cross-platform abstraction layer with 20+ modules to isolate native dependencies and integrating 4 production services (RevenueCat, Sentry, RudderStack, Customer.io) to unlock new distribution channel
- Built Next.js website with landing page, complete concert ticketing flow — Stripe payments, automated ticket issuance via SendGrid, type-safe TRPC API integration, and CDN image optimization.
- Drove 5x performance improvement on Android devices through systematic profiling and optimization, eliminating excessive re-renders in navigation and modal components to deliver responsive experience on low-end hardware
- Architected a lightweight, context-sensitive tip system with rule-based triggering engine, providing just-in-time user guidance across 15+ components without intrusive tours, backed by event tracking and database persistence for 10+ contextual scenarios.

Kilowott   **Nov 2023 - Jun 2024**
Software Developer   *Goa, IN*

- Built interactive UI and reusable components for React Native app with Tamagui, shared across web and native.
- Migrated existing authentication system to Clerk in both backend and frontend, with SAML SSO option for B2B customers.
- Building and Submission of apps to TestFlight and Play Store.
- API integration with Strapi backend. And custom plugins and UI for Strapi dashboard.

Prelanté   **Sep 2021 - Nov 2023**
Software Developer   *Goa, IN*

- Developed an application utilizing Next.js for web development and React Native for mobile, with efficient code sharing between these platforms facilitated through a unified monorepo.
- Translation of UI designs into fully functional user interfaces.
- Developed web application a Next.js frontend and Strapi CMS for backend.
- Developed and maintained node.js backend based on Express, MongoDB and Milisearch integration for search capabilities
- Worked with AWS services including EC2, S3 and Lambda.

PROJECTS

Infofest 2023

- Website for a National level tech event organized by the DCST Students of Goa University. Site gained 10k+ visits for the duration it was live.

SpeedWaGoan

- Built e-commerce web app. Features include Responsive UI, Cart, Wishlist, Search/Filter Products, Seller and Admin sections.
- Tools: React, Firebase, Bootstrap, Algolia Search, React-Redux.

EDUCATION

Masters of Computer Application (Goa University)   **Sep 2022 - Nov 2023**
Computer Science   *GPA: 8.4*