Guilherme dos Santos Dunguel Nunes

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Summary

Mobile Software Engineer with 5 years of experience building production apps for iOS and Android. Focused on React Native for the past 3 years, delivering offline-first applications with real-time sync, geospatial logic, and performance-optimized interfaces.

Experience

Travicar Tecnologia Agrícola — Rio Grande do Sul, Brazil (Hybrid)

Mobile Software Engineer — January 2024 – Present

- Lead developer of the company's mobile product, driving technical decisions and collaborating directly with stakeholders and clients.
- Built an offline-first mobile application using React Native, SQLite, and DrizzleORM used daily by agricultural pilots in low-connectivity environments.
- Improved map rendering performance by over 130% by implementing custom rendering with React Native Skia.
- Implemented complex geospatial calculations using TurfJS for area mapping and aerial route optimization.
- Designed a sync architecture ensuring data consistency between local storage and remote servers.

Hypesoft — Rio de Janeiro, Brazil (Remote)

Software Engineer — March 2023 – November 2023

- Developed cross-platform mobile features using Flutter and React Native for iOS and Android.
- Architected a user management system using Next.js and TypeScript for a major Brazilian media company.
- Built an automated document generation pipeline with NestJS, Puppeteer, and AWS S3.

Grupo Star Info — Rio de Janeiro, Brazil (Remote)

Front-End Developer — February 2022 – March 2023

- Built a CRM system from scratch using React and TypeScript, improving internal team organization.

Skills

- **Mobile:** React Native, Expo, React Native Skia, Reanimated, React Navigation, WatermelonDB, SQLite, DrizzleORM
- **Core:** TypeScript, JavaScript, Zustand, TanStack Query, REST APIs, Git
- **Also worked with:** Next.js, React, Flutter, Node.js, NestJS, PostgreSQL, AWS, Docker
- **Languages:** Portuguese (Native), English (Advanced), Spanish (Beginner)

Education

UNINTER – Centro Universitário Internacional — Rio de Janeiro, Brazil

B.S. in Software Engineering — *January 2026 – February 2030 (Expected)*