Felipe Barreto Passos

Tech Lead / Full-Stack JavaScript Engineer · React Native · React · Node.js · TypeScript · AWS

Aracaju/SE — Brazil · Remote (UTC-3)

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Summary

Full-Stack JavaScript Engineer and *Tech Lead* with strong experience building mobile and web applications end-to-end. Skilled in designing architectures, leading development cycles and delivering reliable features across **React Native**, **React**, **Node.js**, and **TypeScript**. Hands-on background with **AWS**, financial and operational workflows and complex integrations. Focused on clarity, performance, and delivering high-quality user experiences.

Professional Experience

Mobile Frontend Lead   **Ritmo do Esporte**   **Aug 2025 – Present** · Remote

I took ownership of the entire mobile lifecycle of *Ritmo Atletas* — an administrative and financial management app for sports academies, part of the broader Ritmo do Esporte ecosystem — after the successful launch of the V2. I led architecture decisions, development, and production releases across both iOS and Android, aligned priorities with backend and product teams, improved release processes, and oversaw platform quality and user experience. These improvements increased release consistency, reduced friction, and contributed to a 30% drop in support demand.

Mobile Engineer   **Ritmo do Esporte**   **Apr 2025 – Aug 2025** · Remote

Responsible for rebuilding the *Ritmo Atletas* app—originally developed in Vue with performance and scalability limitations—into a React Native V2 with a more modern and maintainable architecture. I redesigned core flows, resolved key UX issues, and implemented essential financial features such as plans, contracts, payments, and subscriptions. I also delivered deep linking, S3 uploads, improved navigation, and a more stable, intuitive experience for its user base.

FullStack Software Engineer   **ESTUD.AI**   **Dec 2024 – Apr 2025** · Remote

Contracted to build a school management platform, delivering the entire frontend in Next.js and helping build backend features in NestJS. My work included creating dashboards, organizing access for different user levels, and improving tools for managing grades, attendance, and daily academic routines.

Mobile Full-Stack Developer   **Atende+**   **Apr 2024 – Jan 2025** · Aracaju, BR

I built the first version of a tele-health app from the ground up. I defined the architecture, gathered requirements, and developed the entire mobile and backend experience, including scheduling, video calls, payments integration, notifications, and secure handling of medical records.

Web Developer   **Freelancer**   **Feb 2021 – Sep 2024** · Remote

Developed custom web systems and delivered institutional sites and landing pages using Next.js/PHP/WordPress/HTML/CSS/JS, working closely with clients on requirements and execution.

Education & Languages

B.S. in Civil Engineering — Federal University of Sergipe (UFS), Brazil

Transitioned into Software Engineering through professional experience and continuous self-directed study.

Languages: Portuguese (native), English (advanced)