Renan Vechini Momesso

Senior React & React Native Developer

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PROFESSIONAL SUMMARY

Senior React and React Native Developer with 8+ years of experience building mobile and web applications from scratch, shipping production apps, defining scalable architecture, and improving performance, UX, and code quality. Strong background in React Native, React, TypeScript, Redux/RTK, React Query, Node.js, Express, Python collaboration, GraphQL, CI/CD, testing, Scrum, and video-heavy cross-platform experiences. Experienced working with startups, government platforms, banking, e-commerce, logistics, AI-driven products, and responsive media playback across smartphone, tablet, and TV layouts. Fluent in English.

CORE SKILLS

Frontend / Mobile	React Native, React, TypeScript, JavaScript, Redux, Redux Toolkit, Redux-Saga, React Query/TanStack Query, React Navigation, Expo, Storybook
Media / Performance	Video playback, responsive/adaptive layouts, smartphone/tablet/TV UI support, performance profiling, rendering optimization, smooth UX flows
Backend / APIs	Node.js, Express, Python collaboration, REST, GraphQL, WebSockets, Socket.IO, Redis, Bull Queue
Architecture	SOLID, Clean Architecture, feature-based structure, reusable components, design systems, API integration patterns
Cloud / Delivery	GitHub Actions, CI/CD, TestFlight, App Store/Play Store releases, Firebase, AWS Amplify, S3/Supabase Storage concepts
Databases / Tools	MongoDB, PostgreSQL, Firebase/Firestore, Git/GitHub, Figma, Jest, unit tests, Scrum

PROFESSIONAL EXPERIENCE

BairesDev | Senior React & React Native Developer | 2024 - Present (almost 2 years)

- Contributed to the LifeSpeak project, developing React Native video-focused features with smooth playback, strong performance, and responsive behavior across smartphone, tablet, and TV layouts.
- Handled video playback screens and UI states, improving loading behavior, navigation flow, layout consistency, and user experience across different screen sizes and orientations.
- Develop new features and fix bugs using React Native, Redux/RTK, TypeScript, and SOLID practices.
- Set up CI/CD with GitHub Actions for builds, automated tests, and continuous deployment.
- Collaborate with designers in Figma, proposing layout tweaks and workflow improvements to enhance UX.
- Participate in Scrum ceremonies, keep the backlog up to date, review PRs, pair program, and improve code quality.
- Report progress, key metrics, and risks to the Scrum Master and stakeholders.

Tech stack: React Native, React, TypeScript, Redux Toolkit, video playback, adaptive layouts, GitHub Actions, Figma, Scrum

Extreme Digital Solutions | Senior React & React Native Developer | 2023 - 2024 (about 1 year)

- Built a new government project from scratch using React, React Native, TypeScript, Redux, React Query, Node.js, and Express.
- Led and supported two developers during the project.
- Worked closely with the UI/UX team to create and improve the design system.
- Helped define the frontend structure, reusable components, API integration patterns, and project conventions.
- Wrote clean and maintainable code following SOLID principles.
- Worked on accessibility, reliability, and usability improvements.
- **Main achievement:** Helped launch the first production version and set a solid foundation for future development.

Tech stack: React, React Native, TypeScript, Redux, React Query, Node.js, Express

Metrobi | Fullstack Developer (React Native, React & Python) | 2022 - 2024 (about 2 years)

- Built new features from initial requirements through implementation and delivery.
- Developed and improved logistics/delivery features using React Native, React, TypeScript, MobX, Firebase, and Axios.
- Built driver-facing flows for routes, stops, delivery details, and operational workflows.
- Collaborated with backend teams and contributed to backend tasks using Python services.
- Improved performance, fixed production bugs, and supported mapping and drag-and-drop related features.

Tech stack: React Native, React, TypeScript, Python, MobX, Firebase, Axios, logistics/delivery systems

Tuddu | Senior React Native and Web Developer | 2020 - 2022 (about 1 year)

- Built the mobile version of a fashion e-commerce platform from scratch using React Native CLI, TypeScript, GraphQL, Redux, Storybook, and Node.js.
- Helped define the app architecture, folder structure, reusable components, and development patterns.
- Created and maintained the design system to keep the UI consistent across the app.
- Set up the CI/CD pipeline for mobile builds and releases.
- Implemented backend features with Node.js, Express, Redis, Bull Queue, and MongoDB.
- Wrote unit tests, documented UI components with Storybook, and mentored other developers.

Tech stack: React Native CLI, TypeScript, GraphQL, Redux, Storybook, Node.js, Express, Redis, Bull Queue, MongoDB, CI/CD

Corebiz | Senior React Native Developer | 2020 (4 months)

- Delivered features for a large supermarket app (ZonaSul) using Redux-Saga, React Navigation, GraphQL, and Axios.
- Improved performance, added unit tests, and contributed to Node.js/GraphQL endpoints.

Tech stack: React Native, Redux-Saga, React Navigation, GraphQL, Axios, Node.js

BRM1 | Senior React & React Native Developer | 2018 - 2020 (about 2 years)

- Built a banking app from scratch using React Native, TypeScript, Redux, and Styled Components.
- Worked across the full product lifecycle, from development and testing to release and maintenance.
- Implemented onboarding, authentication, transfers, payments, and key user flows.

• Helped maintain and improve the web dashboard used by the team/business.
• Supported and guided other developers during the project.
• Deployed and maintained 4 different apps using feature flags and CI/CD pipelines.
Tech stack: React Native, TypeScript, Redux, Styled Components, CI/CD, Feature Flags

Olivia AI | Junior Developer | 2018 (6 months)
• Worked on an AI-driven operations dashboard using React.js, Node.js, and Redux.
• Collaborated in Scrum ceremonies and supported frontend feature delivery.
Tech stack: React.js, Node.js, Redux, Scrum

SELECTED PROJECTS

Kimber FreelaFinder | Personal Project | React Native + AWS Amplify
• Planned, architected, and built a freelancing platform end-to-end with registration, services, portfolios, and real-time chat.
• Used AWS Amplify for auth, API, hosting, and GraphQL-based data flows.
• Published on Google Play.
Tech stack: React Native, TypeScript, AWS Amplify, GraphQL

EDUCATION & LANGUAGES

• Bachelor's Degree in Computer Engineering
• Portuguese - Native
• English - Fluent