Davidson Simões

Senior Software Engineer · React, TypeScript, Node.js, React Native · Smart TV & streaming

João Pessoa, PB, Brazil (UTC−3) · Remote-first, open to relocation
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Senior engineer with 20+ years building and shipping web applications in JavaScript, React and TypeScript, about 12 of them with React and TypeScript. Specialized in high-performance OTT applications for connected television: Smart TV clients for Vimeo OTT (VHX) and TV Globo (Globoplay, Globosat Play, Telecine Play) across Samsung Tizen, LG webOS, Vizio, Xbox, Amazon Fire TV (Vega OS/Kepler), Android TV and Apple TV. Focus on cross-device architecture, playback performance, spatial navigation and the platform certification processes that gate every TV release. Comfortable owning front-end architecture end to end and deploying on AWS. Daily user of AI-assisted development (Claude Code) with code review and automated tests as guardrails. I contract through my own company, W2BIT, and also consider full-time roles.

EXPERIENCE

Aug 2023 – Nov 2026

Vimeo OTT (VHX), via Fuze · Lead Developer, TV apps · contracted through W2BIT

- Owned architecture and performance of the white-label Vimeo OTT TV apps on Samsung Tizen, LG webOS, Vizio, Amazon Fire TV (incl. Vega OS/Kepler), Android TV and Apple TV.
- Expo monorepo (React Native + TypeScript) for Android TV and Apple TV; live and VOD playback with HLS/DASH and Widevine/PlayReady DRM.
- Spatial navigation and focus management for remote-control input; Samsung and LG certification cycles managed end to end.

React Native · Expo · TypeScript · Tizen · webOS · Vega OS · HLS/DASH · DRM

2019 — present

W2BIT · Founder

- My own company, through which I contract as a legal entity (PJ). AWS infrastructure for client APIs and front-ends (EC2, S3, Route 53, CloudWatch), Docker and CI/CD pipelines.

2020 — 2023

Ascential · Senior Front-End Developer · Remote

- Built and maintained a large-scale web platform in React, TypeScript and Styled Components, integrated with Node.js REST APIs.
- Reusable UI components and a clean, scalable front-end architecture; code review, automated tests and CI/CD as standard practice.

React · TypeScript · Styled Components · Node.js

2018 — 2019

Altran → TV Globo · Smart TV Developer

- Embedded with TV Globo engineering on the Globoplay Smart TV application (React, TypeScript): feature development, API integration and maintenance of one of Brazil's largest streaming services.

React · TypeScript · Smart TV

2016 — 2018

Storm Security → TV Globo · Software Developer

- Globosat Play and Telecine Play Smart TV applications (React, Redux, TypeScript, Clean Architecture); also a Flutter MVP and an internal React portal.

React · Redux · TypeScript · Clean Architecture

2010 — 2016

Elogia · Front-End Developer & Designer (team lead)

- Led a team of 12 delivering promotional campaign web materials for clients including Privalia, Groupalia and Alphaprint.

2006 — 2010

Personare · Front-End Developer & Designer

- Front-end development and design.

SKILLS

Front-end
React, TypeScript, JavaScript (ES6+), Redux, Styled Components, HTML5, CSS3/SASS, Vue.js (~3 years), responsive and accessible UI

Mobile & TV
React Native, Expo, Samsung Tizen, LG webOS, Android TV, Apple TV, Fire TV/Vega OS, Vizio, Xbox, Roku; HLS/DASH, DRM (Widevine/PlayReady); spatial navigation; store certification

Back-end & Cloud
Node.js, NestJS, GraphQL, REST, Firebase, JWT auth; AWS (EC2, S3, Route 53, CloudWatch, CLI), Docker

Delivery
CI/CD (Jenkins, Bitbucket Pipelines, GitHub Actions), Git Flow, automated testing, code review, embedded work in client teams

AI tooling
Claude Code (daily, with review and tests), OpenAI API, agent-based workflows

Personal project
ZSafe: endurance training platform (React Native app, NestJS API, OpenAI API), built as a lab for AI-assisted engineering

CERTIFICATION & LANGUAGES

Certification
Samsung Lightning Developer — Samsung Electronics

Languages
Portuguese (native) · English (written and technical: advanced; spoken: intermediate)