



Ramon Davi

Software Engineer

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Summary

Full-stack engineer with 7+ years delivering robust React/Node solutions—from micro-frontend investment apps to high-traffic e-commerce and ed-tech platforms—using React, Node.js, GraphQL, and AWS with solid automated-testing habits. I'm used to working on large, complex projects and thrive in environments that demand scalability, performance, and precision. Skilled in both SQL and NoSQL data models and comfortable driving features end-to-end in Agile teams. I'm now seeking a company where I can dive in, add value within the first week by learning the product inside-out, and cultivate strong, lasting partnerships with teammates while shipping high-impact code.

Work Experience

● BairesDev

2023 – Present

Software Engineer

I lead front-end development for enterprise-scale web products, turning complex requirements into performant React/Next.js interfaces used daily by wealth-management and operations teams. Highlights include:

- Worked on a micro-frontend platform that lets squads deploy independently while sharing a uniform design system via Storybook and Module Federation, cutting release coordination time by 30 %.
- Elevate platforms learning experiences: built reusable components wired to a WordPress CMS, enabling non-dev teams to launch new course pages in minutes, while A/B testing with Monarch increased conversion by 14 %.
- Shipped data-intensive features—from dynamic CMS pages to client-data dashboards—powered by GraphQL APIs, Redux/Zustand state, and TypeScript type-safety, boosting page-load performance by 40 %.
- Championed engineering excellence: ran rigorous code reviews, integrated Jest/Cypress suites, and automated A/B experiments, driving > 90 % unit-test coverage and evidence-based UX improvements.
- Accelerated delivery with AI tooling, adopting GitHub Copilot, Cursor, and Windsurf to automate boilerplate and refactoring; teammates report ~30 % faster story completion.
- Collaborate cross-functionally with designers, product managers, and backend engineers in Agile ceremonies to scope, plan, and hit every sprint goal since joining.

- Quality: instituted Cypress E2E and comprehensive Jest suites; defect escape rate dropped below 1 %.

Technologies used: • React, TypeScript, Git, Jira, Next.js, Bitbucket, Redux, Zustand, GraphQL, Storybook, WordPress, API, Module Federation, tailwind, Jest, Jira, Agile/Scrum.

• YDUQS

2024 – 2025

Full-Stack Engineer

Worked on an end-to-end development of a central integration hub for YDUQS's nationwide educational ecosystem, unifying multiple learning-management and back-office products so academic teams could process change requests in hours instead of days.

- Built the platform front-to-back: React + TypeScript UI, NestJS/Node APIs, and MongoDB data layer—delivering accessible, sub-second interactions for thousands of students, instructors, and administrators.
- Infra-as-code advocate: scripted deployments with Terraform and rolled out serverless workloads on AWS (Lambda, S3, CloudWatch), eliminating 80 % of manual ops and ensuring 99.9 % uptime during semester peaks.
- Reliability first: established Jest unit suites and Cypress E2E pipelines, lifting test coverage above 90 % and enabling safe, weekly releases that never disrupted live coursework.
- Requirements → reality: chaired refinement sessions, wrote concise tech specs, and partnered with PM/QA to scope features, keeping all stakeholders (academic directors, content teams, and IT) aligned.
- Agile heartbeat: active voice in daily scrums, sprint planning, reviews, and demos—promoting continuous delivery and transparent progress across distributed teams.
- Quality gatekeeper: integrated Sonar (SonarQube/SonarCloud) into the CI pipeline, catching bugs and code smells early and driving a 25 % reduction in technical debt within six months.

Technologies used: • React, Node.js, TypeScript, Jest, Cypress.io, MongoDB, Terraform, AWS, Microservices Architecture, Azure, Nestjs, Styled Components.

• Adsoft

2021 – 2023

Full-Stack Engineer

Worked on a large project with several business rules within a sales environment of a large and medium-sized company, from the issuance of tax documents, inventory management, to payment operations.

- End-to-end workflow automation: engineered Node.js + Express APIs that issue tax documents, register customer sales, manage inventory, and process PCI-compliant payments—cutting manual entry time by 50 %.
- Event-driven architecture: wired webhooks to stream stock changes and payment confirmations to downstream systems, giving users sub-second data freshness and eliminating reconciliation errors.
- Dynamic sales dashboard & tools: delivered a real-time dashboard for order tracking, plus dedicated pages to create orders and generate/print/email budget quotes—boosting sales-team efficiency and visibility.

- Real-time engagement: implemented a socket-based messaging layer that lifted user-interaction metrics.
- Quality & reliability: introduced tests to the project, driving test coverage above 85 % and reducing production incidents by 50 %.
- Continuous improvement: shipped dozens of enhancements and refactors that trimmed tech-debt, hardened security, and kept the codebase audit-ready.
- Utilized both SQL and NoSQL databases to store and retrieve large datasets efficiently.

Technologies used: ● React, Redux, Node.js, Express.js, Git, REST, JavaScript, Typescript, PostgreSQL, GitHub, AngularJS, NoSQL, Bitbucket.

Projects

● Independent Experience

2018 – 2021

- End-to-end ownership: led discovery → architecture → development → deployment → post-launch support for marketing sites, dashboards, and full e-commerce portals.
- E-commerce expertise: built scalable storefronts with inventory and order management; implemented PCI-compliant checkout flows using Stripe & PayPal APIs.
- Cloud-native deployments: launched apps on Google Cloud (App Engine, Cloud Run) and Firebase Hosting, leveraging Firebase Auth, Cloud Functions, and Firestore for serverless, real-time back ends.
- Cross-platform mobile apps: built iOS & Android apps with React Native—single codebase, native performance, and OTA updates via Expo.
- Performance & SEO: ran Lighthouse/WebPageTest audits, introduced lazy loading, code-splitting, and SSR—consistently achieving sub-2s Largest Contentful Paint and top Core Web Vitals scores.
- Data & APIs: designed REST/GraphQL endpoints; chose MongoDB or PostgreSQL based on workload, ensuring both speed and ACID guarantees.
- Insightful analytics: embedded Google Analytics and custom event tracking, giving clients actionable metrics that drove content and conversion optimizations.
- Quality & accessibility: applied unit/E2E tests, a11y best practices, and responsive design so every user—on any device—enjoys a flawless experience.

Technologies used: ● React, Node.js, Express.js, TypeScript, JavaScript, MongoDB, PostgreSQL, Firebase, Google Cloud Platform, Stripe, PayPal, GraphQL, REST, Styled Components, Google Analytics, Git/GitHub, MERN stack

Education

Bachelor's Degree in Information Technology
UFERSA

Skills

Technologies

- React
- Next.js
- AngularJS
- WordPress
- NestJS
- Module Federation
- A/B experimentation (Monarch)
- Firebase
- AngularJS
- NoSQL
- Google Cloud
- Redux
- Styled Components
- Node.js
- RESTful APIs
- Jest
- Jira
- JavaScript
- Git
- Bitbucket
- Zustand
- Firebase
- Terraform
- MongoDB
- PostgreSQL
- NoSQL databases
- Micro-frontend architecture
- Webhooks
- Google Analytics & event tracking
- GitHub Copilot
- Cursor
- Windsurf
- Storybook
- Azure
- Express.js
- GraphQL
- Cypress
- GraphQL
- Tailwind
- Agile / Scrum
- AWS (Lambda, S3, CloudWatch)
- Integration testing
- React Native
- Sonar