

RAFAEL PADOVANI

SENIOR FRONT-END ENGINEER

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PROFESSIONAL SUMMARY

Seasoned front-end engineer & developer with over 10 years of hands-on experience in navigating the entire development lifecycle, from conceptual sketches to production deployment. Expertise in developing, designing, and testing user-centric mobile & desktop software applications. Proficient in architecting efficient and reusable front-end systems using React, TypeScript, and Next.js. Adept at crafting UX/UI components for large-scale web UI applications, enhancing performance, scalability, and user experience. Known for promoting a culture of engineering excellence, staying abreast of industry trends, and fostering collaboration across multidisciplinary teams. Seeking a remote senior front-end engineer role to leverage expertise in driving forward-thinking architectural solutions and maintaining a steadfast commitment to security and performance optimization.

AREAS OF EXPERTISE

- Front-End Development & Architecture
- Front-End Coding
- Front-End Frameworks & Libraries
- UI/UX Design & Implementation
- Web Development
- Web & Mobile Apps Development
- Responsive Web Design
- Build Tools & Workflow Automation
- APIs & Backend Integration
- Asynchronous Programming
- CI/CD Pipelines
- Code Quality & Review
- Security & Performance Optimization
- Component Documentation
- Testing, Debugging & Benchmarking
- Project Management
- Agile Methodologies
- Leadership & Team Management

SKILLS & CORE COMPETENCIES

- Experience in independently executing complex projects from the ground up and building scalable, maintainable software.
- Expertise in front-end development and deployment of web-based tech, such as React, Next.js, and Typescript.
- Deep understanding of modern web applications design architecture, API design patterns, performance and scale.
- Knowledge of the capabilities, complexity, and limitations of technical architecture throughout the UI development process.
- Well-versed in Agile planning and project management processes.
- Skilled in writing and reviewing code for user interface components.
- Competent in maintaining shared libraries and components used across the frontend codebase.
- Proficiency in HTML and CSS including layout, specificity, cross browser compatibility, and accessibility.
- Familiarity with principles of high-quality code, including continuous integration, declarative and functional programming.
- Knowledge of responsive design principles, debugging tools and techniques, RESTful services and APIs, and web accessibility standards (WCAG).
- Strong leadership skills with the ability to share knowledge via formal mentoring, provide critical support and independent review of the work of teammates, fostering a collaborative environment.
- Solid problem-solving skills with the ability to identify and resolve performance and scalability issues, exercising judgment within defined procedures and practices to determine appropriate action.
- Excellent verbal and written communication skills to effectively communicate with and influence key stakeholders across the enterprise at all levels of the organization.
- Native Brazilian Portuguese speaker with fluency in English.

TOOLS & TECHNOLOGIES STACK

Coding: React, Next.js, HTML, CSS, JavaScript, TypeScript, Styled Components, Tailwind, Storybook, Design Systems, Testing, Intl, Ruby

Testing: Unit, Integration, Regression

Project Management: Agile, Scrum, Kanban, Jira

Design: UX/UI, Adobe XD, Overflow, Figma

WORK EXPERIENCE

Senior Front-End Engineer & Chapter Leader | Linker Bank

Aug 2021 – Apr 2024

- Oversaw both pre- and post-acquisition due diligence processes.
- Led the development of a scalable and secure internet banking platform, ensuring clients experienced top-tier security, scalability, speed, and a seamless user interface for managing their company finances.
- Optimized performance and future-proofed the system by selecting a tech stack featuring Next.js with React for core functionalities and Styled Components for a sleek design.
- Revamped the legacy internet banking system through strategic rebranding, replacing Ruby on Rails with a modernized solution.
- Engineered a robust design system, integrating React and Styled Components, supplemented by Storybook for comprehensive component documentation and testing. This system served as a bedrock for future projects, substantially enhancing developer productivity and minimizing rework during branding updates.
- Took charge as a chapter leader for an eight-person front-end team, driving continuous improvement by soliciting fresh ideas for performance optimization, proposing enhancements to code structure, and suggesting updates to the technology stack.
- Cultivated a culture of constructive feedback, fostering open dialogue on career advancement, performance assessment, and individual mentorship within the team.

Front-End Engineer | Agile Content

Jun 2019 – Aug 2021

- Liaised with development and design teams, fostering seamless collaboration throughout UX/UI planning and development phases.
- Streamlined communication between designers and developers, facilitating the smooth transition from design concepts to functional interfaces.
- Led the maintenance and optimization of the company's app store, leveraging my expertise in React and Next.js to deliver a user-centric and intuitive experience.
- Implemented and maintained stringent security protocols to safeguard user data and overall system integrity.
- Conducted thorough analysis and optimization of the app store's performance, ensuring rapid loading times and an uninterrupted user experience.
- Enhanced quality standards by crafting unit tests using Jest and Enzyme, ensuring the stability and reliability of the app store.

Front-End Engineer | Medroom

Apr 2018 – Sep 2018

- Partnered closely with Product Designers, Product Managers, and Software Engineers to design, develop, test, and deploy dynamic UI functionality for web (Angular 5+) and desktop apps (Electron), ensuring a seamless user experience across platforms.
- Implemented features and user interfaces to optimize performance of user-facing products.
- Conducted code reviews, executed comprehensive unit testing, and implemented continuous integration processes to maintain code quality standards.

Web Developer | Disk Digitais

Aug 2013 – Jul 2014

- Oversaw the operations of three online stores, curating SEO-friendly content and appealing banners to captivate audiences.
- Developed targeted landing pages and executed Google Ads campaigns to showcase specialized photography gear and equipment to the intended audience.

EDUCATION

Bachelor's Degree in Information Systems

FIAP – Faculdade De Informática E Administração Paulista

Dec 2017

Computing For Internet

ETEC – Escola Técnica Estadual de Tiquatira

Jun 2012

CERTIFICATIONS

- **JavaScript - The Complete Guide (Beginner + Advanced)** | Academind
- **Understanding TypeScript** | Academind
- **React - The Complete Guide (including Next.js and Redux)** | Academind Advanced
- **Advanced React: Design Systems, Patterns, and Performance** | Codelick Academy
- **JavaScript Expert by Erick Wendel**