

PEDRO LIMA

Senior Software Engineer | React.js Specialist | TypeScript | Next.js | Scalable Web Platforms

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 7 years of experience building, modernizing, and supporting scalable web applications across financial services, healthcare, human resources, public services, and digital products. Core expertise includes React.js, Next.js, TypeScript, JavaScript, Frontend Architecture, and Vue.js, complemented by professional experience with Angular and full-stack technologies.

Contributed to complex products from technical refinement and architecture decisions through implementation, automated testing, REST API integration, and production delivery. Experience includes Micro Frontends with Module Federation, reusable component architecture, Design Systems, Style Dictionary, Storybook, Jest, Vitest, Testing Library, Docker, and Nginx — initiatives that improved interface consistency, reduced regression risk, strengthened maintainability, and supported the continuous evolution of production applications.

Works closely with Product, Design, Backend, and Quality Engineering teams to translate business requirements into reliable and maintainable technical solutions, combining product ownership, architecture awareness, code review, performance, accessibility, testing, and continuous improvement.

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Nov 2025 – Present

Zappts | São José dos Campos, SP

- Developed and evolved a financial services application using React.js and TypeScript, with responsibility for scalable user interfaces, reusable components, production-quality code, and the continuous modernization of the frontend architecture.
- Implemented a Micro Frontend architecture with Module Federation and contributed to the application's Design System through Style Dictionary, reusable component patterns, and Storybook documentation, improving visual consistency and maintainability across the platform.
- Built and maintained automated tests with Jest, monitored test coverage, integrated REST APIs documented with Swagger/OpenAPI, and supported delivery workflows using Docker, Nginx, Git, and linting while collaborating with Product, Backend, QA, and Design teams.

Technologies: React.js · TypeScript · Micro Frontends · Module Federation · Design Systems · Style Dictionary · Storybook · Jest · REST APIs · Docker · Nginx

Software Engineer

Nov 2024 – Nov 2025

Fin-X | São Paulo, Brazil

- Maintained and evolved a healthcare web platform with complex business rules, supporting critical scheduling workflows and production functionality using Vue.js, JavaScript, TypeScript, HTML, and CSS.
- Developed and refined forms, validation rules, modals, responsive interfaces, and REST API integrations while sustaining legacy code and preserving compatibility with existing application behavior.
- Investigated and resolved production issues through systematic debugging, reducing operational inconsistencies and regression risk. Contributed through code reviews, pair programming, and technical refinement to improve code quality and delivery predictability.

Technologies: Vue.js · Angular · TypeScript · JavaScript · HTML5 · CSS3 · REST APIs · Form Validation · Production Debugging · Legacy Code · Responsive Web

Frontend Engineer

Jun 2021 – Oct 2024

Zappts | São José dos Campos, SP

- Developed and maintained web and mobile applications for clients in consumer and retail sectors, including Burger King, Popeyes Louisiana Chicken, and C&A, using React.js, JavaScript, TypeScript, HTML, and CSS.
- Built reusable components, integrated REST APIs with Axios and the Fetch API, and implemented responsive layouts for desktop, tablet, and mobile experiences, improving interface consistency and development efficiency.
- Optimized frontend performance, corrected application defects, and collaborated with designers, backend engineers, and other team members throughout agile ceremonies, technical refinements, feature delivery, and test-driven development activities.

Technologies: React.js · TypeScript · JavaScript · HTML5 · CSS3 · REST APIs · Axios · Fetch API · Responsive Design · Performance · TDD

Full Stack Engineer

Mar 2022 – Sep 2022

Math Analytics

- Contributed to the development of a financial technology web application created through the LIFT Learning program, an initiative involving Fenاسبac and the Central Bank of Brazil, focused on innovative solutions for Brazil's financial system.
- Built the application from the ground up according to client requirements, implementing an interactive web-based table manipulation experience inspired by spreadsheet capabilities using React.js, TypeScript, and Chakra UI.
- Supported full-stack delivery with Python and Django REST Framework and participated in planning, daily meetings, and retrospectives to coordinate implementation, validate product requirements, and deliver functionality within the expected project schedule.

Technologies: React.js · TypeScript · Chakra UI · Python · Django REST Framework · REST APIs · Frontend Architecture · Data Tables · Storybook · Jest · Docker

Project Manager

Jan 2021 – Oct 2021

Orc'estra Gamificação | Gama, DF

- Managed digital product initiatives with responsibility for project organization, delivery planning, scope alignment, resource capacity, and the coordination of technical work across multiple project activities.
- Evaluated the technical feasibility of incoming requirements and supported prioritization decisions based on available resources, product needs, implementation complexity, and delivery constraints.
- Improved delivery visibility and process consistency by monitoring execution, organizing development activities, and supporting teams working with React.js, Node.js, Express.js, Chakra UI, Docker, JavaScript, and TypeScript.

Technologies: React.js · Node.js · Express.js · Chakra UI · Docker · JavaScript · TypeScript · Full-Stack · REST APIs · Project Management

Software Engineer

Jun 2020 – Dec 2020

Universidade de Brasília

- Developed a mobile application designed to connect people requesting assistance with volunteers able to provide material or non-material support, contributing to a technology project with a direct social purpose.
- Designed the application's initial architecture and implemented full-stack functionality using React Native, React.js, Node.js, Express.js, MongoDB, PostgreSQL, and Styled Components.
- Performed application testing, debugging, and technical documentation to support system stability and maintainability. The resulting Mia Ajuda application was published at miaajuda.netlify.app.

Technologies: React Native · React.js · Node.js · Express.js · MongoDB · PostgreSQL · Styled Components · Full-Stack · API REST · Testing

EDUCATION

BSc in Software Engineering — Universidade de Brasília (2017 – 2028, in progress)

CORE SKILLS

Frontend Development · Micro Frontend Architecture · Design Systems · Component Documentation · API Integration · Automated Testing · Code Quality · Performance · Cross-functional Collaboration · Agile Methodologies · Technical Refinement · Continuous Improvement

TOOLS & PLATFORMS

Frontend: React.js, Next.js, Vue.js, Angular, TypeScript, JavaScript, Chakra UI, Styled Components

Architecture & Quality: Micro Frontends, Module Federation, Design Systems, Style Dictionary, Storybook, Jest, Vitest, Testing Library

Backend: Node.js, Express.js, Python, Django REST Framework, MongoDB, PostgreSQL, REST APIs

DevOps & Tools: Docker, Nginx, Git, Swagger/OpenAPI

CERTIFICATIONS

Node.js · DDD in Node.js · Testing and Frontend Architecture · Accessibility with React · Next.js · Clean Code · Mastering Tailwind — Rocketseat

Santander Bootcamp 2023 – Fullstack Java + Angular — DIO

Project Management Specialization (Fundamentals, Agile, Planning and Execution) — Google (Coursera)

LANGUAGES

Portuguese — Native | English — Advanced