Renato Lins

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Senior Software Engineer with 8+ years of experience building scalable web platforms and high-performance user interfaces used by millions of users. Specialized in React, TypeScript and modern frontend architecture, including microfrontend systems using Module Federation. Proven track record delivering high-impact internal platforms, automation systems and growth tooling supporting large-scale digital products across Latin America.

Professional Experience

MAY 2025 – PRESENT

Senior Software Engineer | Mercado Livre, Brazil | Remote

• Develop internal Growth Tooling platforms used to create promotional campaigns across Mercado Livre and Mercado Pago products serving more than 72 million monthly users across Latin America.
• Build administrative interfaces enabling internal teams to configure discount campaigns, reusable audience segments and coupon activation flows.
• Design dynamic Webview interfaces where internal users assemble campaign screens using reusable widgets built with a microfrontend architecture based on Module Federation.
• Maintain middle-end services written in Node.js and Go supporting high-throughput systems processing more than 84,000 daily requests.
• Implemented end-to-end testing with Playwright covering the full campaign creation and coupon activation flow used in Mercado Pago banking webviews.
• Created the first cashback campaign creation flow using FIAT currency (Colombian Peso) for the Colombian market.
• The platform supports large-scale promotional campaigns used in events such as Big Brother Brasil, Brazilian Championship football matches and exclusive incentives for Meli+ members.

MAY 2024 – APR 2025

Frontend Tech Lead | HURB, Rio de Janeiro, Brazil | Hybrid

• Led a team of 8 engineers responsible for web platforms used by more than 25 million travelers registered on the platform.
• Defined frontend architecture standards and modernization strategies for legacy systems improving maintainability and delivery speed.
• Mentored Engineers, conducted code reviews and coordinated technical planning across squads.

JAN 2021 – MAY 2024

Senior Frontend Engineer | HURB, Rio de Janeiro, Brazil | Hybrid

• Built automation services that reduced operational costs by approximately $300,000 per year by automating order cancellation workflows integrated with SAP.
• Migrated messaging infrastructure from AWS SNS to NSQ, reducing costs by $66,000 annually.
• Developed a self-service flight management platform allowing users to modify travel packages and

upgrade flights, reducing airline support workload by 50%.
• Implemented payment reminder automation for bank slip payments increasing recurring revenue cash flow by approximately 15%.
• Implemented CI/CD workflows with GitHub Actions across dozens of repositories improving engineering productivity by 25%.
• Developed automation scripts in Node.js and Python to streamline operational workflows and customer communications.

Core Competencies

Frontend Architecture • Scalable Web Applications • System Modernization • Technical Leadership • Performance Optimization • Software Design Patterns • Cross-Team Collaboration • Agile Development.

Technical Skills

JavaScript • TypeScript • ReactJS • NextJS• NodeJS • Microservices • Modular Frontend Architecture • AI Prompt Agents • RAG • LangChain • N8N • Webhook • Wesockets • Rest APIs • GraphQL• MySQL • PostgreSQL • MongoDB • Redis • Go • PHP • Python • Git Workflows • Jenkins • AWS • Google Cloud Panel • Docker • Code Review • Design System • System Design • Agile • Scrum • Code Review.

Education

2018
Bachelor's degree in Computer science | UNISUAM, Brazil

Languages

Brazilian Portuguese (Native) • English (C1)