

Flávia Madruga Ferri

Senior Frontend Engineer | React, Next.js, TypeScript | Node.js

Relocating to Brazil (currently in the Netherlands) | Remote, BRT/UTC-3 | flaviamadrugafferri@gmail.com | linkedin.com/in/flavia-ferri

Frontend engineer with 6 years building scalable web and mobile applications with **React, Next.js, and TypeScript**. Currently driving frontend modernization of a **regulated fintech platform used by 20,000+ brokers** at Nationale-Nederlanden. Led a broker portal centralizing 4+ workflows, a Vue-to-React migration, and a React Native app built with a team of 4+ engineers. Strong background in **design systems, microfrontends, and automated testing**.

Work Experience

Full Stack Software Engineer (Frontend-focused) | Nationale-Nederlanden | Oct 2023 - Present

Amsterdam, Netherlands

- Lead frontend development of Request Manager, a React and TypeScript portal centralizing 4+ broker workflows (required actions, ongoing offers, claims, request statuses), replacing fragmented navigation across multiple tools.
- Drive frontend architecture decisions across multiple broker-facing applications, standardizing React, TypeScript, testing strategy, and Storybook design-system components.
- Own quality end to end with unit, integration, and E2E tests (Jest, Playwright, React Testing Library), CI/CD on Azure Pipelines, and production monitoring in Splunk.
- Migrated a core broker portal application from Vue to React and helped redesign the client management experience used by thousands of brokers daily.
- Built broker-facing pages on a proxy API layer and an MVVM abstraction layer, keeping the frontend decoupled from backend systems and easy to test.

Full Stack Developer | Miyagami | Apr 2021 - Oct 2023

Amsterdam, Netherlands

- Delivered web and mobile applications for 7 clients across education, fintech, enterprise, and marketplace domains.
- Built Node.js BFF layers with Redis caching, aggregating third-party and internal APIs into optimized endpoints for each client's React frontend.
- Led modernization of a legacy real-time auction platform: complete frontend redesign, live bidding with concurrent state updates, and new features shipped without disrupting live operations.
- Led development of Vol, a React Native student app for iOS and Android: defined the architecture and technical standards, and coordinated planning and code reviews for a team of 4+ engineers.
- Led infrastructure migration from Heroku to DigitalOcean, reducing monthly hosting costs by 30% and improving deployment reliability.
- Defined the frontend stack, project setup, and reusable configuration for 3 React/Next.js applications for Deloitte, standardizing tooling and conventions across projects.

Frontend Developer | Agência Rock | Aug 2020 - Apr 2021

Brazil (Remote)

- Built websites, SPAs, and landing pages for Brazilian businesses with React and JavaScript, focused on responsive design, accessibility, and performance.
- Translated Figma designs into reusable, accessible UI components used across different projects.

Account Manager | Banco Santander | Brazil | 2012 - 2018

Technologies

Languages: TypeScript, JavaScript, HTML, CSS

Frontend: React, Next.js, React Native, Tailwind CSS, Storybook (Design Systems), Microfrontends, Accessibility

State Management: Redux, Context API

Testing: Jest, Vitest, Playwright (E2E), React Testing Library

Backend & Infra: Node.js (BFF), REST APIs, Supabase, MySQL, Redis

Tools: Git, GitHub Actions, Azure Pipelines, Splunk, Figma, Agile/Scrum, GitHub Copilot (AI-assisted development)

Languages

Portuguese: Native | **English:** Bilingual | **Certifications:** React.js, The Web Developer Bootcamp

Education

B.Sc. Analysis and Systems Development - Centro Universitário Claretiano, Brazil | 2020 - 2022

B.Sc. Business Administration - UNIFAJ, Brazil | 2011 - 2014