

Pietro Henrique Mello Dessotti

Senior Frontend Engineer | Design Systems | Component Libraries | React & TypeScript

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Professional Summary

Senior Frontend Engineer with over 5 years of experience building mid- to large-scale B2B digital products. Technical lead for frontend architecture, microfrontends, and design systems, including component libraries, design tokens, and scalable UI foundations. Strong experience modernizing legacy systems and building scalable platforms.

Solid background in technical leadership, code governance, mentorship, and architectural decision-making, impacting thousands of users and more than 2,400 active clients.

Experience collaborating closely with backend teams, contributing to API and BFF development using Node.js, NestJS, and event-driven architecture with Kafka.

Technical Skills

Frontend: React.js, TypeScript, Next.js, Component Libraries, Microfrontends

Design Systems: Design Tokens, Atomic Design, Storybook, Scalable UI Architecture

Architecture: Microfrontends, Monorepos, CI/CD

BFF & Integrations: Node.js (NestJS), Frontend-oriented APIs, Kafka

Testing: Jest, React Testing Library, Cypress (E2E)

State & Forms: Redux, Context API, Zustand, React Hook Form

Tools: Storybook, Figma, Git, GitHub/GitLab, Jira

Methodologies: Scrum, Kanban, Clean Code, DRY, KISS

Professional Experience

Senior Frontend Engineer – Zenvia

September 2025 – Present

- Frontend technical reference for the **Zenvia Customer Cloud (ZCC)**, supporting architecture decisions and long-term product evolution
- Technical leadership and mentorship of junior and mid-level developers, leading onboarding processes and raising engineering standards
- Frontend code governance through strategic merge request reviews and architectural guidelines
- Development and evolution of core features (message scheduling, media sending) used by more than **2,400 active clients**
- Development of BFF services using **Node.js (NestJS)** and Kafka integrations, reducing coupling and improving performance

Mid-level Frontend Engineer – Zenvia

September 2024 – September 2025

- Strategic participation in migrating a legacy monorepo to a **microfrontend architecture**
- Lead frontend developer for the **Zenvia + Stone** project, enabling payment integrations through WhatsApp
- Introduced automated testing culture (Jest), increasing overall coverage from **0% to 35%**, with critical areas above **80%**
- Performance optimization focused on **Web Vitals (LCP)** and UI logic decoupling

Senior Frontend Engineer — HubCSR (Freelance)

July 2023 - August 2025

- Technical leadership of the frontend for an events and volunteer platform
- Defined the frontend architecture based on **Atomic Design**
- Acted as a bridge between product and engineering teams
- Implemented **end-to-end testing with Cypress**
- Improved product scalability and production stability
- Collaborated on backend API development using **Node.js and NestJS**

Frontend Engineer — HubCSR (Freelance)

February 2022 - July 2023

- End-to-end development of the platform frontend
- Delivered the **production MVP in 3 months**
- Built strategic dashboards using **React Charts**
- Worked directly with stakeholders to validate product requirements

Frontend Developer (Intern - Trainee - Junior) – Zenvia

June 2021 – August 2024

- Modernization of legacy systems and maintenance of the frontend ecosystem
- Development of reusable components and design system using **Storybook**
- Implemented **Cypress E2E tests**, reducing recurring bugs by **40%**
- Received multiple promotions based on technical performance and autonomy

Education

Bachelor's Degree in Computer Science

Universidade Nove de Julho

2017 - 2021

LaunchBase Bootcamp – Rocketseat

2021

Languages

Português: Native

English: Intermediate (B1)