

CARLOS HENRIQUE RODRIGUES PEREIRA

Senior Frontend Engineer | React, TypeScript & Next.js | Product Engineering

[WhatsApp](#) | [Email](#) | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Frontend Engineer with around four years of experience building and evolving digital products with React, Next.js, TypeScript, and JavaScript. I work across the full product lifecycle, from discovery to production, contributing to architecture decisions, API design, rendering strategies, testing, observability, and the continuous improvement of live applications. I have experience with Frontend/Backend integration, Design Systems, relational and non-relational databases, and cloud infrastructure, working closely with Product, Design, and Engineering to turn business problems into scalable and maintainable solutions.

WORKING METHOD

Discovery → PRD → Decomposition → Architecture → Validation → Implementation → QA → Release → Iteration

- Start by understanding the problem with customers, Product, and stakeholders before deciding what should be built.
- Turn that context into PRDs, user flows, acceptance criteria, edge cases, and technical requirements.
- Break initiatives into milestones, dependencies, and incremental deliveries so the team can move without losing context.
- Contribute to architecture decisions around APIs, state management, data flow, component structure, and reusable patterns.
- Validate assumptions early through prototypes, technical discussions, and stakeholder feedback to reduce rework.
- Use Linear to organize execution, whether implementing the work directly or coordinating it across the team.
- Stay close to delivery through testing, debugging, code review, QA, and release validation.
- After launch, use user feedback, observability, logs, and production behavior to guide the next iteration.
- Use AI and development agents to accelerate planning, implementation, testing, and review, while keeping human judgment and validation as the final gate.

SELECTED RESULTS

- **Financial Products:** Delivered 10+ landing pages and digital experiences for banking and credit card products, using Next.js to build applications focused on reliability, performance, and conversion.
- **SIJ LegalTech:** Contributed to the rebuild and relaunch of a legal platform after nearly 50 days of downtime, helping restore operations in 32 days. Following the relaunch, the platform added 400+ lawyers within six months.
- **Startup Program:** Built and evolved a B2B platform that reached approximately 1,000 participants during its first event cycle. I currently use observability tools, logs, and production user feedback to guide fixes and product improvements.
- **Safelys:** Responsible for developing a fullstack platform for workforce management in the oil, gas, and mining industries.

PROFESSIONAL EXPERIENCE

Product Engineer & Technical Product Manager

RUDU, Remote | September 2025 – Present | Full-time

- Build and evolve production applications with React, Next.js, TypeScript, Node.js, PostgreSQL, and Playwright.
- On Safelys, work within a Frontend/Backend monorepo, helping coordinate shared architecture, dependencies, and product evolution across both layers.
- On the Startup Program, moved from launch into observability, using logs and production behavior to identify root causes, prioritize fixes, and guide product improvements.
- Support product infrastructure and delivery with Docker, Cloudflare, Backblaze, Bunny Storage, and Bunny Stream.
- Use Linear, Oh My Pi, and coding agents to support problem decomposition, implementation, review, and AI-assisted validation.
- Build POCs and prototypes to test technical and product hypotheses before committing to larger implementation efforts.

Frontend Software Engineer

SKOPIA, Remote | September 2023 – September 2025 | Full-time

- Delivered 10+ conversion-focused landing pages for banking and credit card products.
- Developed applications with **React, Next.js, JavaScript, TypeScript, Sass, Styled Components, and Figma**.
- Collaborated with Product, Design, and Engineering to turn business requirements into production-ready solutions.
- Used **SonarQube** as part of quality assurance workflows and static code analysis.
- Worked with **Docker and AWS** throughout the application delivery process, using **S3, CloudFront, and WAF**.

Frontend Software Engineer

UNIFI Solutions, Remote | July 2024 – September 2024 | Temporary Contract

- Built an interactive 3D application using **React, React Three Fiber, Three.js, Mapbox, and D3.js**.
- Integrated the Frontend with APIs and enterprise systems to present operational information across buildings and floors.
- Developed charts and data visualizations with **D3.js** to make operational information easier to understand within the application.
- Worked with complex interfaces, structured data, and 3D interactions, with a strong focus on performance and user experience.
- Collaborated with Backend engineers, designers, and 3D artists to implement new features and integrations.

Frontend Software Engineer

LBEE, Remote | August 2022 – September 2023 | Full-time

- Contributed to the development of a tournament platform used by an active community of more than **5,000 players**.
- Developed features for team registration, rankings, brackets, calendars, matches, profiles, and administrative workflows.
- Worked with **React, GraphQL, Material UI, Node.js, and MongoDB**.
- Used **Cypress** to test and validate platform workflows.
- Built and maintained the **Design System**, improving visual consistency and component reusability across different user journeys.
- Implemented **Hotjar** to analyze real user behavior and identify friction points across the experience.

TECHNICAL SKILLS

Frontend: React.js · Next.js · TypeScript · JavaScript ES6+ · HTML5 · CSS3 · Sass · Tailwind CSS · Styled Components

Architecture & Rendering: System Design · Design Patterns · Clean Architecture · SOLID · Microfrontends · Monorepos · SSR · SSG · Component Architecture · Design Systems · SEO

APIs, State & Data: REST APIs · GraphQL · API Design · Redux · Zustand · TanStack Query · PostgreSQL · SQL · Redis · MongoDB · Neon

Testing & Observability: Jest · React Testing Library · Cypress · Playwright · Vitest · Integration Testing · E2E · Incident Response · Debugging · Code Review

Cloud & Delivery: AWS · S3 · CloudFront · WAF · Docker · CI/CD · GitHub Actions · Cloudflare · Backblaze · Bunny Storage · Bunny Stream

Engineering Practices: Web Security · DevSecOps · Performance Optimization · Refactoring · Responsive Design · Git · Git Flow

AI-Assisted Development: ChatGPT · Claude · Oh My Pi · Coding Agents · Linear MCP · Google Stitch

EDUCATION

Associate Degree in Marketing

Universidade Candido Mendes · 2019 – 2021

LANGUAGES

Brazilian Portuguese: Native

English: Advanced (B2 - C1)