

# RAPHAEL PEREIRA

## Web Engineer | Frontend Platform, Monorepos, DX, AI-Enabled Development

Available for remote collaboration | Portuguese: Native | English: Advanced | Spanish: Intermediate

### SUMMARY

Web Engineer with 15+ years of experience building enterprise web platforms, frontend architecture, and large-scale applications across AI, fintech, utility, e-commerce, and SaaS industries.

Specialized in frontend platform engineering, Vue.js and React ecosystems, developer experience (DX), monorepo architecture, and modernization initiatives, including large-scale Vue2 to Vue3 migrations and reusable platform tooling.

Experienced working across frontend, backend, DevOps, and product teams in cloud-native and AI-enabled environments, with a strong focus on scalability, maintainability, performance, and engineering workflows.

Core technologies include Vue.js, React, TypeScript, JavaScript, pnpm, Turbo, Vite, AWS, Node.js, CI/CD, AG Grid, TailwindCSS, Vitest, and Playwright.

### CORE EXPERTISE

Frontend Architecture

Vue.js & React Ecosystems

Monorepo Architecture

Developer Experience

Vue2 to Vue3 Migration

Enterprise UI Platforms

Design Systems & Shared Libraries

Performance Optimization

Data Visualization & Grid Systems

CI/CD & Frontend Tooling

Cloud-Integrated Frontend Systems

AI-Enabled Platforms & Workflows

Technical Leadership & Cross-Team Collaboration

### TECHNICAL STACK

#### Frontend Core

HTML5, CSS3, Sass, Less, JavaScript, TypeScript, React 15+, Vue 3, Vue 2, Next.js, Nuxt.js, Vite, Webpack, TailwindCSS

#### Platform

pnpm, Turbo, GitLab CI/CD, GitHub Actions, Jenkins, Docker, Terraform, OpenTofu, Datadog, ESLint, Prettier, Husky

#### Product & Quality

AI workflows, Data visualization, Vitest, Playwright, Mapbox, Stripe, DocuSign, ExcelJS, Accessibility

#### UI Systems

shadcn/ui, Radix UI, Material UI, Design Systems, Storybook, AG Grid, TanStack, Accessibility

#### Backend

Node.js, Python, AWS Lambda, Serverless, Relational databases, Non-relational databases, GraphQL, REST APIs, WebSockets, Auth0, Knex

### PROFESSIONAL EXPERIENCE

#### GridUnity

2023 - Present

Specialist Frontend Engineer  
United States, Remote

Leading frontend platform modernization for enterprise utility systems across workflow management, data processing, geospatial visualization, and shared platform modules.

- Designated lead for organization-wide Vue2/Vue3 modernization.
- Contributed to pnpm/Turbo monorepo architecture and shared internal packages.
- Collaborated with AI-first engineering workflows and LLM-integrated products.

**Stack:** Vue 3, React 19, TypeScript, pnpm, Turbo, Vite, TailwindCSS, AG Grid, TanStack, AWS, Node.js, Playwright

#### AX Semantics

2022 - 2023

Specialist Frontend Engineer  
Germany, Remote

Built and modernized real-time interfaces for an AI and NLG platform focused on automated e-commerce content generation.

- Improved performance and responsiveness of complex real-time interfaces.
- Modernized legacy Vue2 applications into Vue3 architecture.
- Contributed to AI-assisted content generation workflows and validation processes.

**Stack:** Vue.js, TypeScript, WebSockets, Web Workers, Micro-Frontends

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## Dog and Pony Studios

2021 - 2022

Senior Frontend Engineer

Remote

Defined reusable frontend standards for headless WordPress and Nuxt.js solutions across agency clients.

- Owned architecture decisions for SEO-oriented web applications.
- Worked with infrastructure and backend teams across AWS and Azure environments.

**Stack:** Vue.js, Nuxt.js, WordPress API, Node.js, AWS, Azure

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## Bayer Crop Science

2020 - 2021

Senior Software Engineer

Remote

Worked on systems related to soybean sales and distribution operations in an autonomous engineering structure with ownership from prototype to deployment.

- Built cloud-integrated product systems across frontend, backend, and deployment workflows.
- Operated with strong ownership over delivery, quality, and production readiness.

**Stack:** Node.js, Angular, AWS, Lambda, EC2, RDS, Jenkins, SonarQube

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## Tempo Tem

2019 - 2020

Senior Frontend Developer | Tech Lead

Brazil

Led a frontend team of 8 on Vue/Nuxt e-commerce platforms and built a mentorship program that graduated 19 technology professionals.

- Defined frontend standards, development workflows, and engineering practices.
- Led onboarding and training across frontend, backend, full stack, and QA paths.

**Stack:** Vue.js, Nuxt.js, React Native, Node.js, Magento

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## Stelo

2018 - 2019

Senior Frontend Developer

Brazil

Maintained and evolved customer-facing portals, backoffice systems, and frontend best practices for fintech products.

- Worked with architecture and backend teams on deployment processes and code reviews.
- Supported incident management and long-term frontend maintainability.

**Stack:** Vue.js, Nuxt.js, React, Vuex, JavaScript, Sass

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## Taurus Desenvolvimento

2016 - 2018

Founder / Full Stack Developer

Brazil

Founded and led delivery of custom legal software solutions, covering architecture, development, customer relations, and team management.

- Managed full product delivery from customer discovery through implementation.
- Built custom systems with pragmatic full-stack architecture.

**Stack:** PHP, Laravel, Vue.js, Nuxt.js, JavaScript, Scrum, Kanban

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## Leilao Judicial Eletronico

2013 - 2016

Full Stack Developer

Brazil

Developed electronic auction systems and reporting infrastructure for legal and operational workflows.

- Owned architecture and development of auction and reporting systems.
- Built durable web application foundations across frontend and backend layers.

**Stack:** PHP, MySQL, JavaScript, HTML5, CSS3