

GUILLERMO GUERRA

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SENIOR FRONTEND ENGINEER — REACT | NEXT.JS | TYPESCRIPT

Senior Frontend Engineer with 9+ years of experience building scalable, production-grade web applications and component-driven UI systems across React, Next.js, TypeScript, and Vue 3. Strong background architecting complex user flows, booking platforms, multi-brand systems, reusable component libraries, and API-driven interfaces in high-traffic production environments. Experience includes large-scale frontend work at Norwegian Cruise Line Holdings, where I contributed to design systems, shared UI packages, Storybook libraries, visual regression workflows, and modernization efforts using Vue 3 and TypeScript. Recently, I have focused on end-to-end frontend architecture for Next.js applications, including Node.js-based API workflows, performance optimization, SSR, analytics, Vercel deployments, and AI-assisted development workflows to accelerate delivery, improve quality, and support faster product iteration.

TECHNICAL SKILLS

Frontend:	React, Next.js, Vue 3, TypeScript, JavaScript (ES6+)
Architecture:	Scalable UI Architecture, Design Systems, Component-Driven Development, Atomic Design, SSR, Multi-brand Platforms, Reusable Component Libraries
State & Data:	REST API Integration, GraphQL, Salesforce Data Integration, Async Data Handling, Client-Server Data Flow, Pinia, Form Logic, Validation, Error States
UI & Styling:	HTML5, CSS3, SCSS, Tailwind CSS, Responsive Design, Accessibility (ARIA), Design Tokens, Figma-to-Code Implementation, Adobe XD
Performance:	Lazy Loading, Skeleton States, Rendering Optimization, Page Speed Optimization, Perceived Performance
Testing & Quality:	Storybook, Chromatic, Visual Regression Testing, Interaction Testing, Unit Testing Exposure, Code Reviews
Tools & Platforms:	Git, GitHub, Vercel, Vite, Jira, npm Packages, Environment Management, Production Deployments
Backend & API Integration:	Node.js, Next.js API Routes, GraphQL APIs, REST APIs, Salesforce Data Integration, Scala / Play Framework, PHP, WordPress
AI-Assisted Development:	GitHub Copilot, OpenAI, Claude

PROFESSIONAL EXPERIENCE

Freelance / Contract

Frontend Engineer, 2026 – Present

- Design and build production-grade web applications using React, Next.js, TypeScript, GraphQL, and modern frontend architecture, translating business requirements into scalable, maintainable user interfaces.
- Currently contributing to the For Crew Only platform, building reusable UI components, strengthening the design system, and connecting frontend features to real Salesforce-driven production data.
- Build and organize GraphQL integration logic within the frontend codebase, creating reusable data access patterns that allow UI components to consume dynamic business data reliably.
- Implement reusable component patterns for dashboards, forms, modals, cards, filters, status lists, package flows, special requests, and data-driven user experiences, improving consistency, maintainability, and development speed across the application.
- Build GraphQL, REST API, Salesforce-driven, and Node.js / Next.js API integration workflows, creating reusable data access patterns and handling async states, validation, loading behavior, error states, empty states, and real-world edge cases.
- Designed and implemented complex multi-step booking flows based on real business logic, including services, scheduling, availability, user input, validation, and conversion-focused interaction patterns.
- Built the G-Kloud platform frontend from scratch, focusing on modular architecture, reusable components, scalable UI patterns, and clean implementation of business workflows.
- Collaborate directly with stakeholders and use AI-assisted development tools, including GitHub Copilot, OpenAI, and Claude, to accelerate implementation, support refactoring, improve QA coverage, and streamline product delivery.

Norwegian Cruise Line Holdings (NCLH), Miami, FL

Frontend Engineer, 2022 – 2026

- Contributed to the creation of a new multi-brand design system, helping define reusable UI components, design tokens, interaction patterns, and scalable frontend standards for future migration work.
- Helped migrate legacy UI components into a modern Vue 3 and TypeScript architecture, improving maintainability, consistency, and long-term scalability across applications.
- Built reusable components and configurable UI patterns for a multi-tenant platform, allowing different cruise brands to share a unified component ecosystem while supporting brand-specific theming and behavior.
- Published shared UI components as versioned npm packages, enabling multiple teams and applications to adopt, update, and maintain components through a controlled release process.
- Implemented and maintained Storybook component libraries with mocked data, interaction testing, and real-world component states, while using Chromatic to catch visual regressions before release.
- Worked on booking flow features, including the integration of an interactive deck plan experience where users could visually select preferred cabins during the reservation process.
- Built and refined SVG-based UI interactions for deck plan functionality, controlling visual states, selectable regions, and user interaction patterns within complex booking experiences.
- Collaborated directly with business stakeholders, product teams, designers, and backend engineers to refine component behavior, validate business rules, and translate complex booking requirements into production-ready UI.
- Integrated REST APIs built with Scala / Play Framework, handling async data flows, edge cases, validation states, and reliable data presentation across booking experiences.
- Participated in code reviews, supported onboarding for new team members, and helped reinforce frontend standards, reusable patterns, and maintainable implementation practices across the team.

Belzona LLC, Miami, FL

Full-Stack Developer, 2021 – 2022

- Worked with the marketing and design teams to build and maintain WordPress-based web experiences, translating Adobe XD designs into responsive, production-ready interfaces.
- Developed custom WordPress templates, reusable components, plugins, and dynamic page structures to support scalable content management across multiple company projects.
- Built custom queries and backend-connected templates to consume and display dynamic business content across product, marketing, and corporate pages.
- Created customizable content models and admin forms using tools such as Advanced Custom Fields and Pods, allowing non-technical teams to manage structured website content more efficiently.
- Delivered multiple WordPress and frontend projects, including major company web pages, with a focus on maintainability, responsive behavior, performance, and ease of content updates.
- Integrated APIs and dynamic data sources to support business-driven workflows and improve the reliability of content-driven web experiences.

Get On Domain, Miami, FL

Web Developer / Technical Lead, 2017 – 2021

- Led the development of custom web applications and client-facing platforms, making practical architecture and implementation decisions across frontend and backend systems.
- Built legacy and custom web systems using JavaScript, PHP, CodeIgniter, MVC patterns, and Bootstrap-based responsive layouts.
- Developed applications from the ground up, including consulting-service workflows, dashboards, protected routes, and API-driven business functionality.
- Integrated third-party APIs and backend services to support dynamic content, service-based workflows, and system interoperability.
- Implemented route protection and access-control logic to secure application areas based on user roles, permissions, or business requirements.
- Managed multiple client projects simultaneously, coordinating priorities, timelines, delivery expectations, and ongoing technical support.

EDUCATION & CERTIFICATIONS

Equivalent to a U.S. Bachelor in Computer Science | Havana Technological University (CUJAE)

Learning GraphQL – LinkedIn Learning

Learning Nuxt.js – LinkedIn Learning

API Designer – API Academy

UX DesignOps: Working with Developers – LinkedIn Learning

CSS: Advanced Layouts with Grid – LinkedIn Learning

Vue.js 3 Composition API – Udemy