José Augusto Ruiz Clemente

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Profile

Software Engineer with **6 years** of experience specializing in **frontend development**, building attractive, fast, and interactive web interfaces.
Focused on **writing scalable, modular, and maintainable code, ensuring efficient collaboration and long-term project sustainability**. Passionate about optimizing performance and user experience, consistently delivering smooth, high-quality applications

Habilidades de software

Languages: Javascript, Typescript, PHP, Go

Frameworks & Libraries: React JS, Vue JS, Angular, Laverel, Express

Plataforms: Vercel, Figma, Github & Gitlab, AWS, Postman

Testing: Jest, React Testing Library, Cypress

Educación

Ing. en Desarrollo de Software, Universidad Politecnica de Chiapas, Suchiapa
2016 — 2019

Experiencia

Senior Frontend & Designer, Realhost

Aug 2023 — Oct 2025

- **Frontend Architecture Leadership:** Led the architecture and development of a full-stack management platform (React/Next.js). Strategically selected Next.js to optimize performance (SSR/SSG) and SEO, and adopted TypeScript to ensure the robustness and large-scale maintainability of the codebase.
- **State and Performance Strategy Design:** Architected the global state management (Redux) and data-fetching strategy for the application. Implemented a reusable custom hook system that encapsulated business logic, optimized memoization, and drastically reduced load times (LCP/FID) in critical views.
- **API Abstraction Layer Design:** Engineered and abstracted the application's service (API) layer. Implemented Axios interceptors for centralized, secure authentication management (Access/Refresh Tokens) and robust error handling, collaborating with backend teams to define and optimize REST contracts.
- **DevOps (CI/CD) Process Ownership:** Owned the Continuous Integration and Deployment (CI/CD) strategy. Designed and maintained pipelines in GitHub Actions to orchestrate builds (Vercel) and automated deployments across multiple environments (Testing, Production on AWS), ensuring stable releases and eliminating manual deployment.
- **Quality (Testing) Strategy Definition:** Established the project's automated testing strategy. Implemented unit and integration tests (Jest, React Testing Library) for critical business logic (hooks, utils) and End-to-End (Cypress) tests for key user flows, preventing regressions and ensuring product stability.

Senior Frontend, Leland's Barns and Sheds

Sep 2019 — Oct 2025

- **3D Rendering Architecture Leadership:** Led the architecture and implementation of a high-interaction 3D configurator (React.js, Three.js), enabling real-time product customization. Defined the integration of the UI stack (Ant Design, TailwindCSS) with the 3D rendering engine.
- **Rendering Pipeline Optimization:** Reduced 3D model load times by 50%. This was achieved through asset optimization (materials/geometries) and the implementation of a selective update logic for the Three.js scene graph, controlled by React state to minimize GPU workload.
- **Data Layer and Caching Strategy Design:** Designed a resilient data layer (using Axios) that reduced application latency by 25%. Implemented advanced caching strategies (such as stale-while-revalidate and memoization) to optimize backend requests and drastically improve perceived performance.
- **Decoupled State Architecture:** Applied Design Patterns (Observer and Singleton) to decouple the 3D scene state (Three.js) from the React component tree. This architecture prevented unnecessary re-renders, optimized shared state management, and improved the fluidity of the real-time user experience (UX).

Mid Frontend & Designer UX/UI, ICSA, S.A DE C.V

Aug 2020 — Sep 2022

- **Frontend Architecture and Development Leadership:** Led the end-to-end development as the sole frontend developer for a platform automating quoting and production orders. Was responsible for selecting the technology stack (Vue.js and Ant Design) and defining the core client-side architecture.
- **Experience Design and Requirements Translation:** Conceptualized and designed the complete user experience (UI/UX), translating complex business requirements from the printing industry into high-fidelity prototypes in Figma. Iterated on designs to ensure an intuitive interface that minimized user friction.
- **Data Layer and State Engineering:** Engineered and implemented the API consumption layer (Laravel REST) using Axios. Robustly managed the application's asynchronous state (loading, errors, data) to ensure information integrity and resilient communication with the backend.
- **Scalable and Maintainable Architecture Definition:** Established the project's code structure, implementing a modular architecture based on reusable Vue.js components. Applied quality metrics and best practices (such as scoped styling and code-splitting) to ensure long-term scalability and maintainability.
- **Business Process Optimization:** Digitized and automated business logic for managing complex products (such as magazines and books). The development of these features directly optimized production workflows, reducing human error and manual management times.

Junior Frontend, Agencia Relativa

Nov 2018 — Mar 2019

- **Interactive View and Component Development:** Programmed multiple application views (such as dashboards, user profiles, landings, and forms) using Vue.js. Created reusable components and managed interface state to deliver a dynamic user experience.
- **Responsive (Mobile-First) Design Implementation:** Engineered all interfaces following a Mobile-First strategy, guaranteeing the application adapts and functions optimally across a wide range of devices, from mobile phones and tablets to desktop screens.
- **API Consumption and Data Management:** Integrated the frontend with RESTful APIs to dynamically fetch, send, and display data within the developed views. Managed loading states, error handling, and conditional rendering of information.

Additional Information

Links: GitHub, Código FacilitoLinkedInPortfolio