

Fernando Rodriguez Lobo

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SUMMARY

Creative and detail-oriented frontend developer with strong expertise in React JavaScript TypeScript CSS and HTML Experienced in designing intuitive user interfaces and building reusable components Passionate about optimizing performance and delivering secure seamless onboarding experiences Dedicated to writing clean maintainable code and consistently enhancing code quality

PROFESSIONAL EXPERIENCE

Labor Law Consultation Chatbot | React, OpenAI API, React Query

- Developed an interactive chatbot integrated with GPT-4o for inquiries about Costa Rica's Labor Code
- Implemented Context API for global state management and theme system with localStorage persistence
- Optimized performance using React.memo, useCallback, and custom hooks, reducing unnecessary re-renders
- Integrated React Query for efficient async request handling and caching
- Designed scalable architecture with separation of concerns (hooks, services, components)
- Implemented conversation history with search functionality and local storage
- Applied smooth animations with Framer Motion to enhance user experience

Tech Stack: React, Vite, TailwindCSS, Framer Motion, React Query, OpenAI API

Netflix Clone | Next.js, React, TMDB API, React Query

- Developed a responsive Netflix clone with TMDB API integration for browsing movies and TV series with real-time data
- Implemented Context API for global state management and React Query for efficient async request handling and caching
- Designed scalable architecture with separation of concerns using custom hooks, services, and reusable components
- Built interactive carousels with Swiper and implemented real-time search functionality across all content
- Created detailed modals with comprehensive information display and ensured responsive design with Tailwind CSS
- Implemented comprehensive testing suite with Jest and React Testing Library

Tech Stack: Next.js 15, React 19, Tailwind CSS, React Query, Swiper, TMDB API, Jest

ADDITIONAL SKILLS

- **Technical Skills:** Semantic HTML5, Responsive CSS3, Frontend Development, ReactJS, JavaScript, TypeScript, NextJS, Vite, Modern JavaScript Frameworks, Jest, Git, GitHub.
- **Additional Skills:** Adaptability, time management, problem solving, critical thinking, Microsoft Office Suite, Google Workspace fast typing. attention to detail, leadership, team collaboration, cloud computing, Microsoft Azure Fundamentals certified, agile project management SCRUM certified, effective team communication

LANGUAGES

- **SPANISH** Native
- **ENGLISH** Advanced