

Luis Miguel Morales

[Frontend Software Developer]

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Performance-oriented Front-End Developer with 6+ years of experience optimizing React applications for speed and efficiency. Proven ability to implement server-side rendering, caching strategies, lazy loading, and code splitting to significantly reduce page load times and improve Core Web Vitals. Expertise in JavaScript, TypeScript, HTML, CSS, and a variety of performance optimization techniques. Dedicated to delivering seamless and high-performing user experiences.

WORK EXPERIENCE

Contingency Management Innovations

Full Stack Developer

United States (Remote)

Jan 2023 – Dec 2024

Creates software that automates rewards for substance use disorder treatment, boosting efficiency and improving patient outcomes.

- Optimized a React web application by implementing server-side rendering, caching strategies, and efficient data fetching techniques, resulting in a 30% reduction in page load times and a 15% improvement in search engine rankings.
- Designed and implemented a new user onboarding flow, resulting in a 25% increase in user activation rates.
- Reduced application loading times by 40% by optimizing React components and implementing efficient state management with Zustand.
- Implemented a rigorous code review process, resulting in a 20% reduction in the number of bugs reported by users.
- Implemented a comprehensive suite of automated tests, including unit tests, integration tests, and end-to-end tests, to ensure code quality and reduce regression bugs.

Techstack: React, React Native, Typescript, Next, Zustand, Node, MongoDB, Jest

NCR Corporation

Full Stack Developer

United States (Remote)

Dec 2021 – Nov 2022

Provides and maintains ICT solutions like cash registers, ATMs, and barcode scanners for retail and finance companies.

- Redesigned the user interface of a web application based on user feedback and usability testing, leading to a 20% increase in user engagement metrics and a 10% reduction in user support requests.
- Optimized the performance of a React Native app, leading to a 20% decrease in load times and a 5% increase in user retention.
- Integrated authentication, authorization, and input validation mechanisms in Node.js and React applications, preventing security breaches and protecting sensitive data.
- Implemented automated testing, which helped to reduce bugs and improve the overall stability of the applications.

Techstack: React, React Native, Typescript, Next, Redux, Node, MongoDB

Pandero
Full Stack Developer

Peru (Remote)
Dec 2020 – Nov 2021

Helps people acquire cars or homes through collective fund management with affordable monthly payments.

- Created comprehensive and well-structured technical documentation, reducing the onboarding time for new developers by 20% and enabling them to contribute to projects more quickly.
- Identified and addressed security vulnerabilities, protecting the system and user data from potential threats.
- Enforced coding standards and best practices, leading to more maintainable and readable code.
- Optimized the frontend of a web application by implementing lazy loading, code splitting, and image optimization techniques, resulting in a 20% decrease in page load times and a 15% improvement in Core Web Vitals scores.
- Redesigned a key user flow in a web application based on user feedback, leading to a 10% increase in user satisfaction scores and a 5% reduction in support tickets related to that flow.

Techstack and Additional skills: React, Typescript, Node

Statkraft
Full Stack Developer

Peru (On-site)
Sep 2019 – Nov 2020

Hydroelectric company that provides 450 MW of clean energy to the National Interconnected System in Peru.

- Optimized a React web application by implementing code splitting, lazy loading, and efficient data fetching techniques, resulting in a 25% reduction in page load times and a 10% improvement in user engagement metrics.
- Developed reusable React components, reducing code duplication by 25% and accelerating the development of new features.
- Achieved 90% test coverage through automated testing, improving code reliability and reducing the risk of regressions.

Techstack: JavaScript, HTML5, MySQL, React.js, Node.js, HTML, SQL, MongoDB, TypeScript, CSS (Cascading Style Sheets), RxJS

GB Proyectos IT
Full Stack Developer

Peru (On-site)
Sep 2018 – Aug 2019

Peruvian company dedicated to the development of custom software for the Retail Industry.

- Ensured the web application met accessibility standards (WCAG) by implementing features like keyboard navigation, ARIA attributes, and alternative text for images, increasing the accessibility score by 30% and expanding the user base.
- Optimized React-based frontend code, resulting in a 50% increase in application response speed and a smoother user experience.
- Reduced production bugs by 20% by implementing rigorous unit testing with Jest.

Techstack: JavaScript, React.js, TypeScript, Node, SQL, MongoDB, HTML5, MySQL, Bootstrap, CSS

STACK & SKILLS

Programming Languages: JavaScript (ES7), TypeScript, CSS3, HTML5, SQL

Frameworks and Libraries: React, Node.js, Express.js, Redux, Zustand, Next.js, Material UI, Axios

Databases: MongoDB, PostgreSQL, MySQL

Tools: Git, GitLab, Jira, Webpack, npm, yarn, Jest, ESLint, Prettier, Figma

Methodologies: Agile, Scrum, Kanban

Soft Skills: Communication, Teamwork, Problem-Solving, Continuous Learning

EDUCATION

National University of Engineering

Bachelor of Science, Mechatronics Engineering, Dec 2018

LANGUAGES

English: Proficient C2