

Julio Lizardo Ravelo

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Summary

Senior Software Engineer with extensive experience enhancing application frontend and improving user experiences. Demonstrated success in upgrading UX/UI designs and integrating Redux to optimize application performance. - Spearheaded UI design projects using Figma, resulting in improved user interfaces.- Implemented Redux Toolkit to manage the application state effectively with GraphQL and REST APIs.

Skills

languages: Spanish, English

Others: JavaScript, TypeScript, React.js, Redux Toolkit, Node.js, Express, ASP.NET, C#.NET, .NET Core, jQuery, Web Services (REST), Apollo GraphQL, Figma, webpack, MS SQL Server, MySQL, PostgreSQL, T-SQL, AWS Cognito, AWS AppSync, AWS S3, AWS Lambda, AWS CloudFront, Amplitude, Highcharts, Agile methodologies, Jest, React Unit Tests, MSW, SQL Server, HTML, CSS, GitHub, GitHub Actions (CI/CD), Storybook, User Interface Design, Code Reviews, Asynchronous Communication, Security Standards, Accessibility Standards, Constructive Feedback

Work Experience

Axiom Cloud

California, USA

Senior Software Engineer

Jun 2023 - May 2024

- Enhanced application security by implementing security features and multi-factor authentication using AWS Cognito, aligning with security standards
- Led a UX/UI design upgrade by updating Figma designs and implementing the new design, focusing on accessibility, usability, and responsive design to improve user interface and experience.
- Improved data management and state control by implementing Redux Toolkit to integrate GraphQL and REST APIs, ensuring seamless data flow and efficient handling of large datasets.
- Achieved a 73% reduction in app load time, decreasing from 3 seconds to 0.8 seconds, significantly improving user experience
- Implemented Amplitude analytics to monitor user interactions and generate actionable insights, driving data-informed decisions to enhance user experience and engagement.
- Optimized webpack configuration, resulting in a 66% reduction in build size to enhance application performance
- Established unit testing procedures, attaining extensive code test coverage using Jest, React Testing Library, and MSW
- Conducted code reviews for team members, providing constructive feedback to enhance code quality and maintain team coding standards.

BairesDev

Dominican Republic

Senior Software Engineer

Dec 2021 - Jun 2023

- Conceptualized and implemented a new application interface, focusing on user experience (UX) and accessibility standards
- Revamped application architecture by optimizing GraphQL queries with the Apollo library, significantly enhancing data retrieval efficiency and system scalability.
- Configured AWS CloudFront for optimized content delivery and AWS Cognito for secure authentication, aligning with security standards
- Designed and implemented interactive dashboards and visualizations using Material UI React and Highcharts, enabling users to easily derive insights from large and complex datasets.
- Conducted code reviews for team members, providing constructive feedback to enhance code quality and maintain team coding standards.

Ministerio de Educación (MINERD)

Santo Domingo, Dominican Republic

Lead Developer

Apr 2020 - Dec 2021

- Constructed transportation administration software using .NET Core for backend, React.js for frontend, and MS SQL Server, reducing manual processes by 40%
- Streamlined DevOps with Team Foundation Server (TFS) setup, boosting development efficiency and team collaboration by 20%
- Contributed to professor recruitment contest software solution with .NET Core, jQuery, and MS SQL Server, enhancing interview process and workflow by 35%
- Guided junior developers on React.js and .NET Core best practices, fostering a collaborative and supportive development environment.
- Conducted code reviews for team members, providing constructive feedback to enhance code quality and maintain team coding standards.

Junta Central Electoral (JCE)

Santo Domingo, Dominican Republic

Software Developer I

Apr 2019 - Apr 2020

- Collaborated with stakeholders to define and document requirements for new software projects, aligning them with business objectives
- Developed execution strategies integrating architectural design for scalable and maintainable solutions
- Built web applications with .NET Core backend, React.js frontend, and MS SQL Server database, enhancing application performance and user experience
- Designed and built database objects (T-SQL, Stored Procedures, Functions) to ensure efficient data access for new software, enhancing data retrieval speed by 20%
- Engineered web services to streamline application integration, utilizing .NET Core for enhanced interoperability between systems

Education

Apec University

Santo Domingo, Dominican Republic

Bachelor's degree in Software Engineering

Instituto Tecnológico de Las Américas

Boca Chica, Dominican Republic

Mayor Degree in Software Development