



MIGUEL ANGEL ISLAS GUERRERO

Software Engineer

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1644 Wayne Ave, San Leandro, CA, USA 

SKILLS

React, HTML, CSS, SASS, JavaScript, TypeScript, TailwindCSS, MaterialUI, Redux, Next.js, NodeJS, Express, GraphQL, RESTful APIs, MongoDB, SQL, Jest, Selenium, TestCafé, Azure, Git, GitHub, CICD, Agile Methodologies, Web Development, Front-End Development, Leadership, Object-Oriented Programming, Code Review

WORK EXPERIENCE

Walmart: *Frontend SDET*

03/2024 - Present

- Automated integration tests using Testcafe, TypeScript, Sauce Labs, and POM model, ensuring robust and efficient testing processes.
- Played a key role in the E2E testing team, validating user experience and flows for Walmart Mexico and Bodega Aurrera Mexico's latest platform version.
- Identified and reported critical bugs and defects in Golden flows, collaborating closely with business and product owners to meet quality standards.
- Developed and implemented new testing scripts for features, enhancing the overall testing framework and contributing to the successful deployment of new functionalities.

Hexaware Technologies: *Frontend Software Engineer*

03/2022 - 01/2024

- Developed and maintained features for an internal-use platform for a consultant client, integrating bank information and user-specified dates using React JS, TypeScript, MaterialUI, Jest, and Tanstack Query.
- Led the design and implementation of dynamic left and right panels, enhancing app performance and reusability of components.
- Conducted research on new libraries to propose future enhancements and innovative features for the application.
- Collaborated with backend developers, business analysts, product owners, SCRUM masters, and QA team to build the platform from the ground up, ensuring seamless integration and high-quality deliverables.

Syntax Mexico: *Frontend Software Engineer*

05/2021 - 02/2022

- Collaborated in a small team to develop an internal time-tracking tool using React JS and Tailwind CSS, enhancing productivity and efficiency for tracking activities.
- Implemented real-time time tracking and continuous time counters that persisted across site refreshes, improving the accuracy and reliability of time logs.
- Worked closely with managers from various teams to gather feedback and incorporate new ideas, continuously enhancing the application's functionality.
- Proposed and successfully implemented the use of React for the project, demonstrating its suitability for the required features and improving the overall development process.

- Engineered and automated 10+ processes with PowerShell, enhancing security and operational efficiency, showcasing strong problem-solving skills.
 - Collaborated with cross-functional teams to design and implement a cloud-based solution, improving data retrieval times, which significantly enhanced user search experience.
 - Led the foundation of cloud technologies, employing troubleshooting and testing methodologies to ensure robust infrastructure and seamless service delivery.
 - Reduced cloud resource costs through optimized architecture designs, directly impacting operational budgets positively.
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EDUCATION

Master's in Software Engineering and Computer Systems
UNIR Mexico

Bachelor's in Digital Systems and Robotics Engineering
**Instituto Tecnológico y de Estudios Superiores de
Monterrey (ITESM)**