




MIGUEL ANGEL ISLAS GUERRERO

Software Engineer

isgromiguel@gmail.com 

+1 470-628-5682 

<https://www.linkedin.com/in/miguelislasg> 

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

WORK EXPERIENCE

Walmart: *Software Development Engineer in Test*

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: *Frontend Developer*

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.

- Managed virtual machines and designed cloud architectures within Microsoft Azure, implementing an automated system for generating and setting new passwords, enhancing security measures and operational ease.
 - Automated the retrieval and removal of outdated snapshots, streamlining resource management and reducing costs.
 - Developed an automated email notification system to promptly disseminate updated information, improving communication and workflow efficiency.
-

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)**