



# MIGUEL ANGEL ISLAS GUERRERO

Software Engineer

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1644 Wayne Ave, San Leandro, CA, USA 

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## 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

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## 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:** *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.

- 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.
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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)**