

Career Summary

I am a Software Development Engineer in Test with over 5 years of hands-on experience in building test automation frameworks. Proficient in tools like Playwright, Cypress, Selenium, k6, WebDriver, AWS Lambda, CI/CD and Native Mobile Apps. I specialize in creating robust test strategies to ensure software quality in high-paced environments. With expertise in Java, C#, Python, Typescript and Kotlin. I have a solid track record of optimizing CI/CD pipelines using AWS, Azure, Jenkins and Github Actions. My experience spans industries such as Banking, Retail, Logistics, Healthcare and Autonomous Driving . I collaborate with development teams to enhance test coverage and automate critical workflows using modern tools.

<i>Summary of Qualifications</i>	
Programming Languages	Java 8 and 17, Python, Typescript, C#, Kotlin
CI/CD	AWS, Azure, Jenkins, Github Actions, Docker
Management Tools	Jira, XRay, Test Rails, Excel
Mobile	Appium, Espresso, XCUI, Selenium
Web	Selenium, Playwright, Cypress
Desktop	Robot, Winium
Performance	K6
Api	AWS Lambdas, RestSharp, Postman, Rest Assured
Databases	MySQL, DynamoDB, Oracle, Microsoft SQL Server
Testing	Cucumber, Test Design, Analysis, Execution, Reporting, Management

Languages

- Spanish (native speaker)
- English (Intermediated)

Career History

Globant/Zoox/OKA, Guadalajara, México

Nov. 2022 – Date

Software Development Engineer in Test

- Create Mocks Resources in Python
- Designed Mobile Test Cases Appium, Espresso, and XCUI
- Documented the QA Automation Process
- Assisted new team members with onboarding process
- Developed Automated Test Cases and Linux Scripts
- Participated in the QA Testing Process - STLC and SDLC
- Coordinated and Planned product delivery
- Review code - Simulations, Automated Tests, Android and Hil Systems.

Globant/IHFintech/OKA, Guadalajara, México

July. 2022 – Nov 2024

Software Development Engineer in Test

- Design Test Strategies, Test Cases and Automate Test Cases.
- Coordinate QA Team for continuous delivery (1 week sprints).
- Create Products Items specifying new features delivered.
- Create an automation framework using Playwright for API and UI testing, and implement a continuous integration pipeline.
- Establish Bugs priority with product owners and UX designers with focus on business needs.
- Create Documentation about the QA Process (Manual/Automation).
- Develop tools to improve the QA process (CLI commanders).
- Create Execution Reports on pipelines and Regression Testing (Critical Flows).
- Establish QA processes such as Shift Left Testing to improve time to market and quality
- Understand the business domain to enhance the QA process and improve the product.
- Reduce execution time for automation tests to decrease costs in the pipeline.
- Improve Automation Test using Patterns Designs (POM, Builder, Singleton and Factory) and POO principles for UI and MS Testing.
- Continuously seek improvement with the team to detect and resolve issues or conflicts as soon as possible.

Globant/Cloud Inventory, Guadalajara, México

July. 2021 – July. 2022

Software Development Engineer in Test

- Creating e2e Manual Test Cases and Automated them using Selenium
- Creating Desktop Test Cases using Appium
- Creating Test Cases using RestSharp to validate component integration
- Fixing issues with the NuGet packages and Optical Character Recognitions used in the Framework
- Report New Bugs found during Regression Execution in Azure DevOps
- Fix issues regarding the pool databases Oracle 11g, MySQL, SQL Server.
- Fix/Set Test Environments by establishing or updating SSL Certificates on different ports using python
- Creating WebSocket to validate Multiple Telnet Services
- Identify and Create metrics to show on the execution report
- Creating documentation related to common errors during automation execution or improvements at the framework.
- Creating Documents about Automation Framework Architecture and External Components (VM, Databases, Pipelines, Ports, Gateway and Services used)
- Maintenance and Updating scripts to install or uninstall services on Windows Server
- Validating Installation on Multiple Instances using IIS and Shell Commands
- Adding new Pipelines to Reinstall/Maintenance of Framework on Azure DevOps
- Detecting improvements on tools or methods used on the Framework.

Globant/Global Bank, Guadalajara, México

May. 2021 – July. 2021

Software Development Engineer in Test

- Establishing Automation Framework using Selenium, Cucumber, Rest Assured, Appium, Java, Junit and Spring Boot.
- Integrate the Automation Framework on CI/CD Process on Azure DevOps
- Generating Metrics Report for test execution and manual tests cases automated on Jira
- Knowledge Transfer to another team group or new resource on the project
- Generating Automated Framework Document and Test Planning
- Creating Automated Tests Cases using Cucumber, Selenium, Appium/Web Mobile and Rest Assured
- Creating Parallel Execution using Appium and Selenium

Softtek/Logistic, Aguascalientes, México

Sep. 2019 – Apr. 2021

Manual/Automation Engineer

- Analysis and Creating Manual Test Cases
- Manual Regression and Bug Reporting
- Identifying new Metrics and Creating simple web pages using JavaScript to shows test results or issues found to the team and client
- Creating of short tests scripts on Postman
- Creating of Automated Scripts using Selenium with Java 8 and SQL Server to create new test data
- Control Reporting from all pending and finished test cases tested on Excel.
- Monitoring Resources and Performance Issues with New Relic and Generate Reports
- Test Execution using Jenkins and Selenium
- Creating Automated Test Cases End to End using databases SQL Server and Oracle with table created temporary during the execution
- Analysis Databases Procedures to generate tests data on the Automation Framework
- Creating Face Recognition using Neural Network to detect new partners on the project.

Education

Tecnológico de Estudios Superiores de Jocotitlán , Jocotitlán, México	Jan. 2014 – Mar. 2019
BS, Systems Engineering	
Tecnológico de Estudios Superiores de Monterrey , Guadalajara, México	May. 2018 – Sep. 2019
Internships / Interface Brain - Computer EEG	
Tecnológico de Toluca , Toluca, México	Jan. 2012 – Mar. 2014
Internships Logistics Engineering	