

LUIS ARTURO CÁMARA

SOFTWARE QUALITY ENGINEER

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Software Quality Engineer with robust and proven experience in manual and automated testing techniques (Regression, Fail-over and recovery, Installation, Licensing, Performance, UI/UX, Field verification, A/B, Exploratory, API, Negative and Functional) for desktop and web applications. Has participated in SDLC projects, demonstrating substantial experience in creating, maintaining, and executing test plans and test cases, as well as detecting, reporting, tracking, and validating defects (JIRA, ADO). Enjoys working and developing in multicultural and cross-functional environments under Agile methodology. Recognized for communication skills, curiosity for continuous learning, flexibility, and adaptability.

AREAS OF EXPERTISE

Python * SQUISH * Selenium * Playwright * JIRA * ADO * Postman * GitHub Copilot * SmartSVN * XML * SQL Confluence * Agile ceremonies * Manual testing * Automated testing * Desktop application testing Web application testing * BDD scripts * Visual Studio Code * PyCharm * Pytest * Jupyter notebooks * Multiple OS Problem solving * Organization and planning * Team building * Interpersonal relationships * Conflict resolution

EXPERIENCE

Senior Software Quality Engineer

AspenTech - Emerson | November 2022 - September 2025

- Participated as tester for five desktop software major releases: Aspen SKUA V14.0.1, V14.1, V14.2, V14.5 and V15
- Participate in test plan creation along with QA lead and Product Owner of features
- Create, review and execute manual test cases in ADO achieving 97% success rate
- Create, maintain and fix automated test cases using frameworks as SQUISH and python scripts achieving 130% growth
- Implement the first ETP Server (Energy Transfer Protocol) in Mexico City office. Increasing manual and automated tests within the Interoperability team
- Conduct performance testing reducing >70% computational time and storage capacity
- Lead Tester of link between desktop and web application
- Contribute and host Agile ceremonies, leveraging SDLC understanding to enhance project quality
- Document QA improvement processes in Confluence

Seismic Interpreter Jr

Instituto Mexicano del Petróleo - PEMEX | August 2020 - October 2022

- Participate in seismic data interpretation for the documentation of new possibles onshore exploration wells, achieving 5 new opportunities approved presented to Exploration Management
 - Daily update of the drilling depth for the exploration wells for Exploration Management
 - Weekly update of current status of localizations prior to start drilling process
 - Link between PEMEX and oil and gas services companies that process seismic data
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EDUCATION

DIPLOMA IN DATA SCIENCE

INSTITUTO TECNOLÓGICO DEL PETRÓLEO Y ENERGÍA | 2022 - 2023

MSC IN GEOPHYSICS (WITH COMMENDATION)

UNIVERSITY OF ABERDEEN | 2018 - 2019

BACHELOR'S IN GEOPHYSICAL ENGINEERING

UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO | 2011 - 2016