# Luis E. Feliz

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## PROFESSIONAL EXPERIENCE

- Experienced in **Front End/QA Automation Engineering in** Financial, e-commerce Industries.
- Proficient in **JavaScript**, Java, **React** JS, Redux, Flex, **Node.js**, Axios, Bootstrap, HTML, XML, CSS/SASS.
- Experienced with automated scripts for regression testing using **Selenium WebDriver, JavaScript, Cucumber, Jest Expect, and Node.**
- Skilled in **MERN** stack development (MongoDB, Express, React, Node).
- Expertise in front-end development, backend integration and developing **single-page applications (SPA).**
- Experienced in using Node.js, Require.js, and **MVC Frameworks** for web application development.
- Developed **Mock APIs for automation testing** and scenario validation.
- Extensive experience with **React JS components,** forms, events, keys, router, and Redux.
- Proficient in working with Node.JS and **NPM** modules like http-server, Marathon, inquirer, path, **MongoDB**, Micro Services, Request, Elastic Search, express, luck, spark, and templating engines.
- Developed application-level code interacting with **APIs and RESTful Web Services using AJAX and JSON.**
- Skilled in **functional testing**, reviewing **business requirements, detailed** test plans, test cases, and RTM.
- Experienced in writing & executing test cases, reporting & tracking defect, preparing test report and building test automation suite, with automation tools like **Selenium WebDriver**
- Experienced in functional testing, reviewing and analyzing business requirements and writing detailed **Test Plans, Feature Files, Test Cases** and **RTM** (Requirement Traceability Matrix).
- Experienced in **Test Data Management**, **Mocked Data** and **Mocked Scenarios** from Data.
- Experienced in **API Testing** to Ensure data and UI are functional and working as expected.
- Good expertise in the review and **documentation** of system test plans; Creating and executing test scripts, test cases and data sets on the basis of product release features, client requirements and technical documents.
- Experienced in conducting **Releases to Production** via **QA Demo's** and **Signoffs.**
- Experienced in **Test Data Management and API Testing** to ensure data and UI functionality.
- Managed the defect life cycle using HP Quality Center/ALM and agile project management with JIRA.
- Experienced in version control using **GIT** and designing customized **hybrid frameworks** (Keyword Driven & Data Driven) using Java, JavaScript, Selenium WebDriver, Page Object **Model (POM), TestNG, and Apache POI.**
- Proficient in SQL, PL/SQL, Stored Procedures, **MySQL**, PostgreSQL, **MongoDB**, DB2, Blob storage, and MS-SQL Server for back-end testing and development.
- Skilled in developing **Data Driven test frameworks** for Restful web services and Karate Black Belt API testing.
- **Excellent communication, problem-solving, coordination, documentation, project planning, and interpersonal skills.**

## WORK EXPERIENCE

### American Express

*Software Engineer*

**RESPONSIBILITIES**                                               October 2016 – November 2022

- **Design, develop, test** UI/UX, HTML5, CSS3, Bootstrap, **JavaScript, jQuery and React.JS** that meets accessibility and web browser standards for web applications.
- Develop **Test Plan, Test scenarios, Test cases, Test Scripts** and Traceability Matrix.
- Review and Approve Code throughout the **SDLC** and **STLC** Process for **Production releases.**
- **Jenkins** to log and run **Regression**, Integration, smoke and **Production Bugs.**
- Used Jenkins to execute and run jobs that **involved QA Environments**.
- Wrote and executed **MongoDB scripts in parallel with Automated Test Cases** using Mongo as a part of backed testing

- Design and execute quality Test Plans and Test Cases to verify Reliability, **Accuracy and Compatibility of application.**
- Interacting with **business analysts and developers, participating in risk analysis** & gap analysis based on the requirements.
- Analyze business flow of the application as well as review business manuals and **requirement documents (BRD)** in order to summarize system-specific business rules and other operating conditions.
- Actively worked following the **Agile Development process** throughout the entire project.
- Worked as a **Project Administrator to organize and manage all phases of the software testing process**, including planning tests, executing tests, and tracking defects.
- Extensively using **Jira as the bug tracking and reporting tool.**
- Conducting different types of **meetings and walkthroughs, discussed the outstanding defects**, informed the TPM with the update test status and any **escalated issues.**
- Experienced in designing business aligned **test automation frameworks using Java, JavaScript, Selenium WebDriver, Cucumber, Jest Expect and other internal packages.**
- Creating a custom **CSS/XPath for identifying Dynamic Objects and using them with Selenium.**
- Extensively used **Mocked Data for Data Validation, Record Counting** and Non-Duplication Testing.
- **Writing Mocked Responses** in order to obtain test reference data, detect data caching issues and ensure data consistency.
- **Onboard new hires** with knowledge transfers and tech talks. **(Pair Programming & Training)**
- **Design and build automation framework** for different web-based software products using **JavaScript and Node** to reduce code and for better maintenance.
- Implemented **Object Oriented Concept like Polymorphism, Encapsulation, Composition, and Inheritance** concept to produce efficiency & scalability in automation Framework. **(OOP)**

## Authentic Elevator

*Project Manager*

**RESPONSIBILITIES**                                                      January 2022 – July 2023

- **Develop detailed project plans, including scope, objectives, deliverables, timelines, and resource requirements.** Coordinate with stakeholders to gather requirements and ensure alignment with project goals. Conduct feasibility studies and risk assessments to inform project planning.
- Identify and allocate human, **financial, and material resources required for project execution**. Collaborate with internal teams and external vendors to ensure resource availability and utilization. Monitor resource usage and make adjustments as necessary to meet project demands.
- **Develop project budgets** based on **cost estimates, resource requirements, and other factors**. Monitor project expenditures and track budget performance throughout the project lifecycle. Implement cost-control measures to ensure projects remain within budget constraints.
- Develop project schedules and timelines using scheduling software and methodologies. Monitor progress against project milestones and deadlines. Identify and address schedule delays or issues to minimize impact on project delivery.
- Define **quality standards and specifications** for elevator installation, maintenance, and servicing. I**mplement quality assurance processes** to ensure compliance with industry standards and regulations. Conduct regular inspections and **audits to assess the quality** of workmanship and adherence to standards.
- Evaluate change requests and assess their impact on project scope, schedule, and budget. I**mplement change control processes to document, review, and approve changes.** Communicate changes to relevant stakeholders and adjust project plans accordingly.
- Develop and implement a communication plan to keep stakeholders informed of project progress, issues, and decisions. **Facilitate regular project meetings, including kick-off meetings, status updates, and progress reviews.** Prepare and distribute project reports, presentations, and documentation as required.
- Ensure compliance with safety regulations, **building codes, and industry standards** related to elevator installation, operation, and maintenance. Implement safety protocols and procedures to protect workers, occupants, and property during project execution. Conduct safety inspections and audits to identify and mitigate potential hazards and risks.

- Maintain accurate and up-to-date project documentation, **including plans, specifications, contracts, permits, and reports.** Ensure documentation is organized, accessible, and securely stored for future reference and audit purposes. Archive project documentation upon project completion, including lessons learned and post-mortem analysis.

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## CIGNITI

*QA Automation Engineer*

<u>**RESPONSIBILITIES**</u>                                                                                       April 2016 – August 2017

- **Developed Test Plan, Test scenarios, Test cases, Test Scripts and Traceability Matrix.**
- Test Rails to log and run **Regression**, Integration, smoke and **Production Bugs.**
- Used **Jenkins** to execute and run jobs that involved **QA Environments.**
- Wrote and executed **SQL queries** in parallel with **Automated Test Cases** using Toad as a part of backed testing
- Design and execute quality **Test Plans and Test Cases to verify Reliability**, Accuracy and Compatibility of application.
- **Analyze business flow** of the application as well as review business manuals and requirement documents (BRD) in order to summarize system-specific business rules and other operating conditions.
- Actively worked following the **Agile Development process throughout the entire project.**
- Worked as a **Project Administrator** HP ALM/Quality Center to organize and manage all phases of the software t**esting process, including planning tests, executing tests, and tracking defects.**
- Responsible for extensive testing of different modules of the web-based/Internet application and the whole testing life cycle for the various modules of this application.
- Thoroughly **Cross browser tested projects to support IE/Edge, Firefox, and Chrome.**
- Tested **Restful Web Service** using SOAP UI as a part of **backend testing.**
- **Implemented Test Suite & created data driven test framework** to validate Restful web service using SOAPUI Pro and **excel**
- Experienced in designing business aligned customized t**est automation framework using Java, Selenium WebDriver, TestNG & Apache POI**
- Creating custom **XPath identifying Dynamic Objects and using them in Selenium.**
- Writing SQL queries in order to obtain test reference data, d**etect data caching issues and ensure data consistency.**
- **Design and build automation framework** for different web-based software products using **Page Object Model (POM) Design Pattern to reduce code and for better maintenance.**
- Implemented **Object Oriented** Concept like **Polymorphism**, **Encapsulation** to produce efficiency & **scalability in automation Framework**

## EDUCATION

**DeVry University:** Bachelors in Computer Engineering & Technology   **Graduated**: December 2015**Columbia University:** Bootcamp Certification (MERN FULL STACK)   **Certified**:   January 2021

## TECHNOLOGIES

**Programming:** JavaScript, Java, Node, ReactJs, Maven, Express, HTML, Json, Bash, CSS, NPM, **Development tools:** VScode, Atom, WebStorm, Brackets, Sublime, Notepad++ and Postman
**Testing Tools:** Selenium, Eclipse, Chrome Dev Tools, Wire Mock, Docker, Envision, Jest, Assert, Jenkins, Sauce Labs, Chro-Path, Selectors Hub, Browser stack and cucumber
**Test Management Tools:** Git, JIRA, Version One, GitHub, Bitbucket, HP ALM/Quality Center Confluence for Business Rules and release documentation.
**Applications:** Postman, MongoDB Compass, Microsoft 365, Slack, Outlook, Webex, iOS, Android,
**Application Servers:** AWS, Fire Base, Docker, WebLogic, Tomcat, Apache,
**Database:** MongoDB, PostgreSQL, Splunk, data storage (Big data), Oracle, SQL Server
**Platforms:** Windows, MAC IOS, Mobile, Tablet, Virtual Machines
**Hardware:** Circuitry Design, AC/DC Analysis, Programmable Logic Controllers, Troubleshooting, Oscilloscope, Multi-meter, Soldering and Assembly.

## RELEVANT SKILLS

Electronics and Computer Engineering Technology | Electronics Circuits & Devices I, II & III | Digital Circuits & Systems | Microprocessor Architecture | Microprocessor Interface | Structured Programming C++ | Object Oriented Programming C++ & JAVA | Application Programming | Product Development | Database System Design | Operating Systems & Interfacing | Data Structures & Algorithms | Network Security | | Database System Design