

WILFREDO MEJIA PALMA

SOFTWARE DEVELOPER IN TEST

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PROFESSIONAL SUMMARY

Results-driven **Software Developer in Test** with nearly 3 years of experience building scalable software test automation solutions. Proficient in architecting robust frameworks and writing tests in object-oriented languages like **Java**. Expertise in **API/UI testing**, **data validation using SQL**, and integrating tests into build pipelines. Passionate about improving quality and efficiency in a collaborative, fully remote environment.

EXPERIENCE

Software Test Engineer | Ideagen

Sept 2023 – April 2026

- **Architected and led the development of a scalable, object-oriented test automation framework**, leveraging Command design patterns and **Selenium WebDriver** for extensive API and UI test coverage.
- **Reduced manual regression effort by 30-40 hours/release cycle**, automating **>50% of critical tests**, significantly increasing test coverage and accelerating feedback loops.
- Developed **reusable Java test libraries**, accelerating test case creation and enhancing team productivity.
- Monitored test results and collaborated with developers and product managers in an Agile environment to track, triage, and resolve defects using **Jira**.
- Integrated AI Tooling such as **Cursor** and **Claude** into the test creation process to accelerate test automation.

QA Automation Engineer Intern | Ideagen

Jan 2023 – Sept 2023

- Contributed to initial automation design and project structure.
- Executed manual validation of critical-path test cases, identifying key areas for future automation.

PROJECTS

Doctor Patient Platform | Neumont College of Computer Science Capstone

Sept 2022 – December 2022

- Developed a full-stack web application for the healthcare industry, including a **React frontend** and a scalable **RESTful API backend (Python/Flask)** handling 10x expected load.
- Implemented **microservice architecture** using **Docker** for enhanced maintainability and efficient deployment of application **infrastructure**.
- Utilized **MongoDB** for robust data storage and management.

SKILLS

Languages & Databases	Automation & Testing	Frameworks & Tools
Rust	Selenium	React & Svelte
Java	API Testing	Spring Boot
SQL	Postman	AWS
Python	TestNG	Docker

EDUCATION

Bachelors of Science in Software Engineering | Neumont College of Computer Science

2020 – 2023

Relevant Coursework: Cloud Computing, Microservice Architecture, APIs, Database Management