

Mileivi Zharick Esperanza Lombana Bohórquez

Junior Software Engineer

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🏠 Colombia

Junior QA Engineer with hands-on experience in automated testing and software quality assurance across different environments: frontend, backend, APIs, and mobile applications. Holds a degree in Software Analysis and Development, with a solid technical background and experience using Selenium and Python for test automation, as well as manual API testing with tools like Insomnia. Has contributed to projects involving validations for web interfaces, service endpoints, and mobile apps, applying testing methodologies to ensure stable functionality and a strong user experience. Known for a proactive attitude, strong organizational skills, and teamwork, with a clear goal to keep growing as a QA Automation Engineer and bring value to agile and collaborative development environments.

Recent Experience

Junior QA Engineer at Microsoft

Jan 2025 – July 2025

- 🔧 Performed comprehensive testing of frontend and backend components to ensure alignment with product requirements and wireframes.
- 👁️ Reviewed UI/UX elements for consistency, usability, and compliance with design specifications, identifying and reporting visual and functional issues.
- ☰ Validated user stories (US) to ensure completeness and functional accuracy before release, working closely with developers and designers in agile environments.
- ✅ Contributed to the delivery of high-quality software by executing manual tests, documenting results, and verifying fixes across various platforms.

Full work history available at [in Mileivi-QA](#)

Key Projects






Juna – Chat Violence Detection Web App

Microsoft (Social Project)

- Collaborated on a web application that detects types of violence in WhatsApp chats using AI. The system processed uploaded chat '.txt' files, cleaned and preprocessed data in the backend, and returned predictions based on trained AI models.
- Executed functional and non-functional testing across the entire system — including frontend, backend; API endpoints — validating data flow, UI behavior, and system responses.
- Wrote and executed automated tests using Selenium and Python, simulating user interactions in Microsoft Edge to validate front-end behavior. Also created scripts to verify UI content and consistency.
- Performed manual API testing with Insomnia, validating backend responses (201, 400, 500) for multiple file types and endpoint scenarios both locally and in deployment.
- Documented manual test cases in GitHub, detailing steps, expected outcomes, actual results, and including screenshots for failure analysis based on user stories and acceptance criteria.

- Supported unit test debugging in the frontend, contributing to bug identification that affected component behavior and integration.
- Participated in Scrum sprints, reviewing user stories, occasionally leading daily meetings, and helping coordinate development and QA priorities within the team.

Technical Skills

 Python	Data processing, automation scripting, and UI test automation using Selenium
 Testing	Functional and non-functional testing. Manual API testing with Insomnia. Automated UI tests with Selenium
 QA & Automation	Test case documentation, user story validation, debugging unit tests, and verifying UI consistency
 Agile Methodologies	Scrum participation: sprint reviews, daily meetings, and team coordination in absence of PM/PO
 Version Control	Test documentation and collaboration using GitHub

Education

Software Analysis and Development	SENA	2023–2025
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