PAULA CARLUCCIO
AI AUTOMATION ENGINEER
Buenos Aires, Argentina | paucarluccio@gmail.com | linkedin.com/in/paula-carluccio | github.com/PaulaCarluccio | www.paulacarluccio.com.ar

PROFESSIONAL SUMMARY

AI Automation Engineer with 5+ years of experience in software quality. Experienced in building multi-agent workflows, RAG tools, and automated reporting. Implemented local Claude Code agents, AI-driven CI failure analysis, and Microsoft Power Platform integrations. Hands-on with Python, REST APIs, and web, API, and mobile testing. Currently pursuing a Higher Technical Diploma in Data Science and Artificial Intelligence.

TECHNICAL SKILLS

AI & Agents: Claude Code, RAG, Amazon Bedrock Agents, n8n
Languages & Data: Python, Pandas, Java, SQL, SQL Server, Power BI, Excel
Microsoft Power Platform: Power Automate, Power Apps, SharePoint, Microsoft Teams
Test Automation: Selenium, Playwright, Appium, Cucumber, TestNG, Rest Assured, Postman, JMeter
CI/CD & Tools: Bitbucket Pipelines, Jenkins, Maven, Docker, Git, GitHub, GitLab, Datadog, Jira, Azure DevOps
Cloud: AWS

PROFESSIONAL EXPERIENCE

AI Automation Engineer (QA Automation)

Minder S.A. | TuLegajo.com | Jul 2025 - Present

- Designed and implemented a multi-agent system with Claude Code that analyzes manual test cases, automates predefined ones, investigates failures, and proposes fixes, escalating ambiguous cases and potential product bugs to human review.
- Cut regression analysis time for each release from several days to immediately after the run finishes: the AI flags which failures stem from locator changes and which are potential product bugs, so the team can focus its review where it matters most.
- Built a custom RAG system in Java that gives the agents project context: existing tests, scenarios, execution history, and application code (read-only).
- Integrated Claude Code into the CI pipeline to analyze failures automatically: it classifies the probable cause, reports a confidence level, and runs with read-only permissions and a rule-based fallback.
- Automated reporting with Python and Power Automate, and built a Power Apps application to track results by build, failures by module, and known bugs. Each run is published to Microsoft Teams with the AI analysis and Jira links.
- Configured CI/CD pipelines in Bitbucket Pipelines with parallel execution, retries, and quality gates. Maintain web and API test automation (Java, Selenium, Cucumber, Rest Assured) and mentor QA team members.

QA Automation Engineer

Allianz | Oct 2024 - Jul 2025

- Developed and maintained automated UI and API tests with Java, Selenium, and Cucumber to validate frontend-backend integration.
- Set up Docker and Selenium Grid environments for parallel test execution and automated mobile tests with Appium.
- Worked with developers, business analysts, and DevOps on test coverage, failure analysis, and Jenkins CI/CD workflows.

QA Automation Engineer

Markmonitor | Mar 2023 - Oct 2024

- Developed and maintained regression and end-to-end tests with Java and Playwright for international agile teams, working in English.
- Validated REST APIs with Postman and used SQL to investigate data inconsistencies.
- Contributed to performance testing with JMeter and analyzed metrics in Datadog and Jenkins pipeline results.

QA Analyst

Accenture Argentina | Feb 2021 - Jan 2023

- Designed and executed functional, integration, and regression tests for each sprint delivery, and reported defects within agile teams.
- Trained new team members and improved testing documentation and processes.

EDUCATION

Higher Technical Diploma in Data Science and Artificial Intelligence

IFTS N° 24 | Mar 2026 - Present

Bachelor's Degree in Data Science

University of Buenos Aires (UBA) | 2021 - 2025

COURSES & CERTIFICATIONS

Become a Solutions Architect: Agentic AI on AWS | Feb 2026

BeSA Cloud Academy

AI Automation | May 2026

Coderhouse

Selenium with Java and Cucumber | Jul 2024

Udemy

English Course Completion Certificate (C1-C2 Level)

English Native Institute

LANGUAGES

Spanish: Native

English: Advanced (C1)