

Pablo Pena Heredia

QA Analyst | QA Automation Tester

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<https://github.com/pablopopenaheredia/> | <https://pablopopenaheredia.github.io/my-portfolio/>

PROFILE

QA Analyst with 1 year of experience in manual testing, fullstack development and knowledge of automation testing, focused on product quality and continuous process improvement. I enjoy tackling challenges in collaborative environments, promoting best practices, and maintaining fluid communication throughout the software development lifecycle. I am motivated by constant learning and the application of scalable solutions.

SKILLS

- Languages: TypeScript, JavaScript, Python, SQL, HTML, CSS
- Frameworks & Technologies: React, NestJS, Node.js, TypeORM, Playwright, Cypress, Selenium IDE
- Testing & QA: Manual & Automated Testing, Test Case Design, Test Plans, Bug Triage, Defect Reporting, Jira X-Ray, TestCraft
- Databases: MySQL, PostgreSQL (Supabase)
- Version Control: Git, GitHub
- Languages: Spanish (Native), English (B2)

PROFESSIONAL EXPERIENCE

FREELANCE PROJECT - QA Automation

Argentina | 2025

- Programmed and executed 40+ E2E automation scripts using Playwright + TypeScript in a Node.js environment applied to the OrangeHRMDemo platform.
- Applied Page Object Model and custom fixtures to ensure scalable and maintainable automation architecture.
- Validated 3 critical end-to-end flows (authentication, user management) and designed tests that detected multiple functional defects.
- Wrote the full test plan, user stories, use cases, and defect reports, using QA principles and automation best practices to make the project easy to understand for others.
- Designed the test structure to allow scaling without breaking test independence, making it easier to add new features and run selected test suites.

UPEX - QA Manual Trainee

Argentina | Sept 2023 - Mar 2024

- Developed and designed test plans to ensure complete coverage of software requirements and use scenarios.
- Elaborated and executed manual tests according to established test cases, recording results and observations for follow-up.
- Participated in bug triage sessions, assisting in defect tracking and prioritization using traceability in Jira X-Ray.
- Re-executed modified test cases to verify the correction of solutions and maintain software integrity.

PROJECTS AND VOLUNTEERING

FULLSTACK DEVELOPMENT - TRIMLY APP | <https://trimly-frontend-eta.vercel.app/> (THESIS)

2025

- Developed a full-stack management system as part of a team for beauty salons, utilizing NestJS/TypeScript (backend) and React/TypeScript (frontend), and implementing 20+ reusable components with a modular architecture across six main modules.
- Designed and implemented a PostgreSQL database in Supabase with eight related entities, structuring modules for clients, services, appointments, products, users, and reports. Included JWT role-based authentication and integrations via TypeORM.
- Implemented a RESTful API with 35+ CRUD endpoints, incorporating validation using class-validator and DTOs, centralized error handling with custom filters, and the application of SOLID principles.
- Configured continuous deployment (CI/CD) for both the frontend and backend on Vercel, automating the pipeline from GitHub with environment-specific variables and verifying SSL connectivity with Supabase PostgreSQL.
- Prepared the complete technical documentation for the project, including ER diagrams, functional specifications, user stories with acceptance criteria, and managed sprints following an Agile methodology.

XAcademy - QA Automation

2025

Training in automated testing using Cypress and Javascript, performing tests in a web app test environment.

XAcademy - QA Manual

2025

Training in manual testing. Led a group of 20 people performing tests on main functionalities in a Startups app test environment.

EDUCATION

INSTITUTO SUPERIOR ARTURO UMBERTO ILLIA

Villa Carlos Paz - Córdoba

Associate Degree in Software Development

Mar 2023 - Dec 2025