FEDERICO CABANILLA

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EDUCATION

Aeronautical University Institute (Instituto Universitario Aeronautico) — Cordoba, Argentina
Bachelor's Degree in Programming Computer Science — March 2012 - December 2017

EXPERIENCE

Microsoft (RiskIQ) — Remote, Argentina
QA Automation Engineer — December 2020 - Present

- Automated API testing using Postman and functional testing with Playwright and Selenium.
- Developed and maintained API automation frameworks using Playwright (TypeScript) and Serenity (Java).
- Designed and executed test plans for functional, regression, integration, and performance testing.
- Performed manual testing and bug triaging/export for effective issue resolution.
- Implemented performance testing using JMeter and Azure Load Testing, integrating JMeter scripts into cloud-based load testing scenarios.
- Collaborated with cross-functional teams to ensure high-quality deliverables.
- Conducted test coverage analysis and improved automation test pipelines in Azure DevOps.
- Led POC development and presented solutions to stakeholders.
- Enhanced CI/CD pipelines using Azure and GitHub Actions.

Box Custodia — Cordoba, Argentina
Backend Developer & Project Architect — May 2021 - March 2022

- Developed backend functionalities and APIs using Java Spring Boot.
- Designed, modeled, and created relational databases (Postgres).
- Defined the architecture and technical design of the project.
- Implemented and maintained RESTful APIs.
- Conducted code reviews and optimized database queries.

Cardio Cuore Clinic — Cordoba, Argentina
Software Developer & QA Specialist — July 2019 - October 2020

- Developed and maintained software solutions to optimize patient data management.
- Designed and implemented backend APIs using Node.js and Express.
- Created automated testing frameworks for internal tools and systems.
- Worked with SQL databases to ensure data accuracy and reliability.
- Collaborated with medical staff to translate requirements into technical solutions.
- Conducted unit, integration, and E2E testing for new features.

Educacion IT — Cordoba, Argentina
Instructor — September 2019 - February 2020

- Delivered courses on Linux, SQL, JavaScript, and web development.
- Created educational materials and practical guides for students.

National University of Cordoba — Cordoba, Argentina
Business Intelligence Analyst — October 2017 - July 2019

- Built Data Warehouses and developed ETL processes using Pentaho.
- Designed data models and developed OLAP dashboards for strategic decision-making.
- Created statistical reports for data-driven business insights.

Programming Languages:	Java, JavaScript, Node.js, Python, C++
Testing Tools:	Playwright, Selenium, Postman (Scripting), JUnit
DevOps Tools:	Docker, Docker-Compose, Vagrant, Jenkins, Azure DevOps, GitHub Actions
Databases:	MySQL, MongoDB, PostgreSQL
AI & Automation Tools:	Regular user of LLMs (e.g., ChatGPT, OpenAI APIs) and other AI-based tools for enhancing
Other Tools:	Swagger, Bash, Ansible, GIT
Methodologies:	Agile (Scrum), Continuous Integration/Continuous Deployment (CI/CD)