

Bruno Palma

Senior Test Automation Engineer

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Professional Profile

Senior QA Engineer & Test Automation Architect with over 13 years in IT, specializing in modern JavaScript testing frameworks (Playwright, Cypress) with TypeScript. Proven track record of building and scaling QA teams, transforming manual testing processes into robust automation frameworks. Previously founded and grew a tech company to 20+ employees, delivering solutions for enterprise clients including HSBC and Telefónica. Currently focused on test automation leadership and quality engineering strategy.

Professional Experience

Senior Test Automation Engineer XEMPUS May 2023 - Mar 2024

- Established cross-team QA department reporting to VP of Engineering, implementing standardized testing methodologies across 5 product teams
- Scaled test automation coverage from 30% to 80% with 150+ structured tests running nightly on multiple parallel browsers
- Mentored distributed QA engineers in test automation best practices using TypeScript, Playwright, and CI/CD, reducing average bug detection time to overnight

Test Automation Engineer XEMPUS Apr 2022 - Apr 2023

- Architected enterprise-wide test automation framework using Playwright, reducing test execution time by more than 60% compared to Selenium BrowserStack
- Established modern testing architecture in TypeScript, with Page Object Models, Data Driven Testing, and Behavior-Driven Development
- Reduced infrastructure costs by implementing Quality Gates in Jenkins CI/CD and enabling vertical and horizontal scaling of test-workers

Senior Frontend Web Developer Zeppelin Group May 2020 - Jan 2022

- Led frontend development for multiple international platforms including OXID e-commerce and global .com website based on Adobe AEM CMS
- Modernized development workflow by implementing Git hooks, linting configurations, and standardized VS Code settings
- Enhanced global components achieving 90+ Lighthouse scores across Performance, Accessibility, SEO, and Best Practices

Senior UI/UX Consultant Retarus Jul 2018 - Jun 2019

- Conceptualized and designed enterprise applications used by 35K+ users, creating information architecture for global email security products
- Created product concepts and high-fidelity mockups for new features, leading presentations and design workshops
- Developed reusable Angular components while mentoring team on accessibility standards

Frontend Developer Retarus Jun 2018 - Jun 2019

- Built responsive SPAs using AngularJS/Angular and Redux for 3 core enterprise products
- Developed custom component library integrating Bootstrap and Material UI
- Modernized development workflow by implementing ESLint, TSLint, and Prettier

Founder & CTO

Younion IT Jul 2013 - Jun 2017

- Founded and scaled technology consultancy to 20+ employees and \$300K+ annual revenue
- Led delivery of enterprise solutions for Fortune 500 clients in banking and telecommunications
- Implemented full regression test automation suite using UFT and ALM/QC

End User Computing Analyst & Developer

BRQ IT Services Jul 2011 - Jun 2013

- Built and led 20-person End User Computing team supporting hundreds of users across HSBC's Finance and Accounting operations
- Pioneered embedded EUC model that reduced solution delivery time and cost, integrating developers directly with business units
- Automated 30+ critical business processes using BPMN 2.0, VBA and ACL, saving 2000+ manual hours monthly

Internal Auditor

GVT Jun 2010 - Jun 2011

- Automated monthly audit reporting using ACL and ETL processes, enabling cross-checking of data and reducing audit cycle time

Software Specialist

Tech Supply Jun 2008 - May 2010

- Led ACL field projects and training for 20+ major organizations, including government agencies and Fortune 500 companies
- Developed and delivered SOX compliance solutions resulting in successful audits and continuous monitoring

Education

Social Communication

FAE Centro Universitario 2009 - 2013

- Master's in Advertising and Marketing (completed 3.5 of 5 years)

ISTQB Certified Tester

Foundation Level Sep 2024

- International Software Testing Qualifications Board certification

Digital Marketing

Google 2023

- Google Digital Marketing Fundamentals certification

Technical Skills

Test Automation	Playwright (Expert), Test Architecture, E2E Testing, BDD, API Testing, Performance Testing, CI/CD Quality Gates
Frontend	TypeScript, React, Vue.js, Modern JavaScript, Component Libraries, Web Accessibility, Performance Optimization
Engineering	Test Strategy, Architecture Design, Code Quality, Cross-browser Testing, Git, Docker, AWS
Leadership	Team Mentoring, Agile/Scrum, Technical Documentation, Process Optimization, Stakeholder Management
Business	UI/UX Design, Information Architecture, Business Process Modeling (BPMN), Technical Writing, Concept Development, Presentations