



ABHINAV ANAND

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PRODUCT QA LEAD | AI-DRIVEN & AGENTIC TEST AUTOMATION

Playwright • Selenium • Appium • API Testing • Agile • ISTQB Certified

Product QA Lead with over 9 years across Manual & Automation Testing (Web & Mobile apps), API Testing, Agentic AI-driven Testing, Agile methodology, DB and performance testing.

Domain Exposure: FinTech, Shipping & Trading, Education, HealthCare and IoT.

PROFESSIONAL SUMMARY

- QA leader with 9+ years in Manual and Automation Testing across Web, iOS & Android applications.
- Built an agentic AI-driven test automation solution using Playwright — autonomous execution that adapts to UI changes without constant maintenance.
- Test automation architecture using Selenium, Playwright and Appium (POM & TestNG, Data-Driven Framework).
- Strong grounding in Test Strategy, STLC/SDLC, Agile/Scrum, and full test lifecycle ownership from planning to release sign-off.
- API Testing (Postman), Load Testing (JMeter), SQL, and CI/CD integration with Jenkins.
- Experienced with JIRA, Confluence, TestRail, GitHub, BDD/Cucumber and Robot Framework.
- Proven experience leading and mentoring QA teams.

AREAS OF EXPERTISE

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| • Manual & Automation Testing | • Selenium / Playwright / Appium | • Agile Methodology |
| • Agentic AI Testing | • TestNG / BDD-Cucumber | • JIRA / Confluence |
| • API Testing (Postman) | • Robot Framework | • TestRail / Figma |
| • Java / SQL | • Jenkins CI/CD / Git | • iOS + Android, Web |

PROFESSIONAL EXPERIENCE & PROJECTS

Product QA Lead — Cashew Payments, Dubai

Duration: Sep 2022 – Present

Project: cashew payments Web Portals (Customer, Merchant, Admin) + Mobile app (iOS & Android) — BNPL platform

- Own end-to-end quality strategy from test planning through release sign-off across Web, iOS and Android.
- Built an agentic AI-based automation solution using Playwright, enabling autonomous test execution and adaptive handling of UI changes — reducing manual maintenance overhead.
- Design and maintain automation frameworks (Selenium, Playwright) covering UI, API and end-to-end regression; integrated suites into Jenkins CI/CD pipelines.
- Tested Payment Service Providers (APS, Checkout) and third-party integrations (KYC, Credit Scoring Bureau, Lean Banking, Fraud check).
- Lead the QA team for the cashew app, working closely with Product and DevOps.

QA & Testing Senior Specialist — AD Ports Group (Maqta Gateway), Abu Dhabi

Duration: Dec 2020 – Sep 2022

Projects: Abu Dhabi Advance Trade & Logistics Platform (ATLP) and Maritime Academy Courses digitalization

- Developed and executed test cases from business requirements; led test case reviews and sprint estimation.
- Automated web testing using Selenium with Robot Framework; ran functional, smoke, integration and regression testing.
- Performed API testing and load testing (JMeter); maintained automation code in GitHub.

Software Engineer in Test — Samsung R&D Institute India, Bengaluru

Duration: Oct 2018 – Sep 2020

Project: Samsung Health — activity & fitness tracking app

- Executed Web UI and mobile application testing (functional, smoke, integration, regression) across desktop and smartphones.
- Performed manual and automation (stress) testing; identified scenarios for automation scripting.

Earlier Experience

Test Automation Engineer: Cloud 9 Infosystems, Inc., Mumbai — Jul 2018 to Aug 2018

Software QA Engineer: Velankani Electronics Pvt Ltd — Oct 2016 to Jun 2018

- Built foundational expertise in manual and automation testing (Selenium/Appium, Java) across web and mobile applications, including test planning, case design, execution and defect reporting.

EDUCATION & CERTIFICATIONS

- B.Tech, Computer Science & Engineering — Biju Patnaik University of Technology, Odisha (2015).
- ISTQB Certified (Foundation).

PERSONAL SNIPPETS

Languages: English, Hindi | Nationality: Indian | Visa Status: Work Visa | Driving License: Yes