

HENRI-JOHN PLAATJIES

Senior Test Automation Engineer

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Location: Cape Town

PROFILE

Senior Test Automation Engineer with a wealth of experience designing and implementing automation frameworks, integrating CI/CD pipelines, and leading QA initiatives across fintech, retail, and mobile platforms. Skilled in web, API, mobile, and database testing with strong hands-on experience in Playwright, Robot Framework, Selenium, Java, and Appium. Proven track record of reducing regression time, enabling reliable releases, and mentoring QA teams to improve overall quality standards.

SKILLS

- Automation: Playwright, Robot Framework, Selenium, Appium, Cypress, Cucumber
- Languages: Java, JavaScript, TypeScript, Python, SQL, C# .NET, HTML
- CI/CD & Tools: GitLab, GitHub, Jenkins, Docker, Linux/Windows
- API & Performance: Postman, Newman, JMeter, GraphQL (Apollo), K6
- Other: Test planning, framework design, mentoring, defect management

WORK EXPERIENCE

Scrums.com — Senior QA Engineer for PayFast at Network International

Aug 2024 – Present

- Manual, automation, API, and GraphQL (Apollo) testing.
- Developed Playwright automation for UI & API testing.
- Containerized test execution using Docker for consistent runs.
- Set up CI/CD pipelines with GitLab (triggered & scheduled).
- Contributed to PayFast & PayGate – Automated web, API & DB validation.
- Contributed to App Inlet – Led setup of mobile test automation & trained testers.

Key Project — PayFast Automation

- Automated Merchant Dash platform: login, logout, navigation, and transactions with validation across Admin Dash and DB.
- Built full end-to-end merchant onboarding suite: registration, email confirmation, and first transaction execution.
- Integrated validation across Merchant Dash, Admin Dash, and Zoho CRM.
- Automated PayFast Merchant APIs using Postman and Newman to streamline regression coverage.

Tech stack: Playwright, RobotFramework, Selenium, Appium, Docker, GitLab, Postman, GraphQL (Apollo), Newman

Tata Consultancy Services — Test Automation Engineer at Clicks Group

Feb 2021 – Jul 2024

- Delivered functional and integration testing across multiple systems (E-commerce Website, Pharmacy System, MMS, Loyalty Management, FlexiCare, Pegasus, SharePoint).
- Performed API & Integration testing using Postman (SOAP API).
- Built and maintained automation frameworks using Java & Cucumber, later migrated to Robot Framework for scalability.
- Integrated automation into Jenkins pipelines, running on dedicated VMs for reliability.
- Mentored interns and pioneered automation practices at Clicks Group.

Key Project — Clicks Automation

- Built automation frameworks from the ground up for the e-commerce website, pharmacy dispensing system, and MMS system.
- Developed the initial framework in Java with Cucumber, later migrated to Robot Framework for improved scalability and maintainability.
- Integrated test automation into Jenkins pipelines, executing on dedicated virtual machines to ensure consistency and reliability across environments.

Tech stack: Java, Selenium, Appium, Jenkins, GitLab, RobotFramework

GameSmart — Intern

2019 – 2020

- Conducted hardware and software testing in the casino industry.
- Installed PTU (Player Tracking Units) into slot machines.
- Tested PTU and GMS (Gaming Management System) functionality.

EDUCATION

Centurion Academy — ITCP Diploma in Computer Programming (2019 – 2020)

Eldoraigh High School — Matriculated in 2016

Certification: ISTQB Foundation (2022)