Ghassen Azouz

Senior QA Automation Engineer – Playwright · BDD · CI/CD
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Profiles

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My portfolio
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Github
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Summary

Senior QA Automation Engineer (5 years) – Playwright/TypeScript, BDD, API testing, GitLab CI/Jenkins. Built E2E frameworks from scratch in retail, banking and real-time environments. Led test automation on a cloud platform program at Orange. ISTQB CTFL.

Skills

UI & E2E Automation
Playwright, Selenium WebDriver, Cucumber, BDD/Gherkin, Page Object Model, Cross-Browser Testing, End-to-End Testing

Performance Testing
Gatling, Load Testing, Stress Testing, Response Time Analysis

API Testing
Karate, REST API, API Automation, Postman, Swagger

Cloud & Infrastructure
Google Cloud Platform (GCP), Cloud Storage (GCS), Cloud SQL, Cloud Monitoring, BigQuery

Programming Languages
Java, TypeScript, Bash

CI/CD & DevOps
Jenkins, GitLab CI, Git / Versioning

Working methodologies
Agile, Scrum, SAFe

Test Strategy & Quality
Test Planning, Test Management, Regression Testing, Shift-Left Testing, Defect Lifecycle Management

Management & Reporting
Jira, Xray, Azure DevOps

Experience

Orange - QA Automation Engineer June 2026 - Present Paris, France

Integration-team QA engineer on a multi-Product-Unit cloud platform.

- Own the cross-PU integration **test strategy** across **7 Product Units** (infrastructure, networking, IAM, observability), defining onboarding requirements for API contracts, **environment access, observability, and non-functional/security** criteria
- Designing and rolling out a Playwright automation framework across a 4-stage (Dev/Integration/Preprod/Prod) multi-project GitLab CI pipeline, enabling the Integration team to replay tests from 7 independent teams within a single build-once/promote-many workflow
- Authoring the platform-wide **test strategy** document (coverage, tooling, automation standards, reporting), version-controlled and shared with the Integration team
- Presented a cross-PU dependency and build-strategy proposal to the Integration team to align **delivery** practices across 7 independent teams
- Contributing to the standardization of PU deployment/installation deliverables to support the platform's global deployment pipeline

Stack: Playwright · TypeScript · GitLab CI · API Testing · Multi-project CI/CD · Agile

PMU - QA Platform Engineer - Freelance January 2026 - May 2026 Paris, France

Embedded QA reference across product teams on a real-time, high-availability betting platform — owning E2E test quality and continuous delivery standards.

- Owned and maintained the **Playwright** test infrastructure for a real-time betting platform, ensuring environment **stability** during peak load
- Optimized **GitLab CI** pipelines via parallelization across **4 agents**, cutting E2E suite runtime by **44% (90 -> 50 min)** and halving developer feedback loops
- Configured automated test **reporting** and **notification** mechanisms for real-time pipeline visibility; co-owned framework versioning and deployment with the tech lead
- Built quality metrics dashboards tracking **PI** ticket **velocity** and **test coverage** across 2 QA teams, enabling weekly **reporting** to tech leadership in a multi-team **SAFe** environment
- Mentored QA engineers and delivered **CI/CD** training to 2 QA teams (versioning, pipeline integration, alerting)

Stack : Playwright · TypeScript · GitLab CI · Parallelization · SAFe · PI Planning · Test reporting · CI/CD

Carrefour - Quality Assurance Engineer, Automation January 2024 - December 2025 Massy, France

QA Automation Lead on PRISM e-invoicing project (XML/UBL), covering UI/API/DB test design and automated suite integration in Jenkins/ GitLab CI.

- Defined and implemented a **BDD** test strategy aligned with acceptance criteria of 6 user stories per sprint
- Automated 1200+ **API** test cases with Karate, reducing manual **regression** time by ~70% and catching 80+ integration defects pre-production
- Designed and executed **performance** tests with Gatling; improved response times by 3x on e-invoicing module
- Maintained and scaled 200+ automated UI tests via Selenium/Cucumber, sustaining 85% **regression** coverage across 3 sprint cycles with zero production regressions.
- Leveraged **GCP** (Cloud Storage, BigQuery, Cloud SQL) for test data management and pipeline observability, reducing test environment setup time and improving defect traceability.
- Validated event-driven message flows via Kafka, ensuring data consistency across 10 producer/consumer services in the e-invoicing/e-reporting pipeline

Stack : Selenium · Cucumber · BDD · Karate · Gatling · Jenkins · Jira · Kafka · Xray · GCP · Cloud Storage · BigQuery · Cloud SQL · Page Object Model · REST API

GOMYCODE - ISTQB Instructor / QA Trainer — Part-time Jun 2023 – Sep 2023 Tunis, Tunisia

ISTQB Foundations instructor, turning hands-on industry experience into practical QA training for mixed audiences.

- Delivered ISTQB CTFL-aligned training to 20+ trainees across 3 learner profiles (junior QA, career switchers, industry professionals), achieving a 100% exam pass rate
- Translated hands-on industry QA experience into practical curriculum content (test design techniques, defect lifecycle, quality mindset), bridging theory and real-world application for trainees transitioning into QA roles

Stack : ISTQB CTFL · QA Training · Test Design · Defect Lifecycle · Agile · Mentoring

Axe Finance - Quality Assurance Engineer, Automation June 2021 - December 2023 Tunis, Tunisia

QA Automation Engineer on banking systems, in charge of test strategy, Katalon-based regression automation, and test data management for loan origination and management modules.

- Defined test **strategies** and modeled functional flows for core banking modules (loan origination, loan management)
- Designed 150+ automated test cases using Katalon Studio, achieving 60% **regression coverage**
- Managed test data via SQL Server: datasets, **mocks**, and **stubs** across 3 test environments
- Reduced post-deployment regression cycle from 4 days to under 4 hours through **automated** non-regression suites
- Tracked and qualified defects end-to-end using Jira, providing **reproducible** bug **reports** to dev teams

Stack : Katalon Studio · SQL Server · Postman · Swagger · Jira · BDD · Mocks/Stubs · Banking domain · Non-regression testing

Projects

Boussole Finance App Sep 2026 – Present

A personal-finance web app whose calculations are tested to the cent against the original Excel spreadsheet.

LLM Test Harness Sep 2026 – Present

A test framework that measures LLM quality — hallucinations, safety, instruction following — and blocks bad releases in CI.

Claude QA Agent

An AI agent for Claude Code that writes and runs tests, files bugs and diagnoses failing pipelines.

Playwright BDD Starter Framework May 2026 – Present

A clean TypeScript starter that wires Gherkin scenarios to Playwright, with page objects, fixtures and CI.

SauceDemo BDD Suite Dec 2025 – Dec 2025

A Java Selenium and Cucumber suite that automates an end-to-end e-commerce checkout.

Education

Institute of High Commerce Studies of Carthage - IHEC Bachelor degree

Information Technology Tunis, Tunisia • 2021

Relevant coursework: Software Testing, Database Management, Web Development.

Certifications

ISTQB CTFL Mar 2023

GASQ

Languages

French

Fluent

English

Fluent