

# Rana Hasnat Ahmed

Senior QA Automation Engineer | Test Automation · API Testing · Performance Testing · Agile/Scrum

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## PROFESSIONAL SUMMARY

Senior QA Automation Engineer with 5+ years delivering reliable, scalable quality assurance solutions across FinTech, SaaS, AI/ML, and enterprise platforms in global remote and hybrid environments. Expert in test automation (Cypress, Playwright, Selenium, Appium), API testing (Postman, SoapUI, REST, GraphQL), and performance testing (JMeter, k6, LoadRunner). Proficient in CI/CD integration (Jenkins, GitLab), Agile/Scrum delivery, test management (TestRail, Jira), and cross-functional team collaboration. Actively pursuing an MSc in Artificial Intelligence (NCI Dublin) — expanding into AI/ML pipeline validation and intelligent test system design.

## WORK EXPERIENCE

### Software Quality Assurance Engineer

09/2024 – Present

[Hoopiz Credit Management – Remote \(Ireland\)](#)

- Designed and implemented end-to-end test strategies (manual + automated) for a FinTech credit management platform using Cypress and Playwright, slashing pre-release defect leakage by 40% within the first quarter.
- Developed 100+ scripted regression and functional test scenarios integrated into Jenkins CI/CD pipelines, trimming manual testing effort by 50% and expediting release cadence by 20%.
- Validated REST API endpoints with Postman and REST-assured across core financial workflows, achieving 99% integration test coverage and eliminating backend integration failures.
- Launched k6 load and stress tests under peak-traffic scenarios, pinpointing bottlenecks that lifted system throughput by 15% and curbed production incidents by 30%.
- Managed defect lifecycle and test case documentation in Jira and TestRail, compressing average resolution time by 2 days with zero critical-defect escapes to production.

### QA Engineer – Mobile (Manual & Exploratory Testing)

01/2025 – 06/2025

[Pikes Soft – Lahore, Pakistan](#)

- Performed comprehensive manual test cycles — functional, regression, UAT, and exploratory — for iOS & Android gifting applications across 3 major releases, achieving a 99% defect-free launch rate and zero post-release rollbacks.
- Collaborated with cross-functional development, design, and product teams to author test plans, test cases, and validate Stripe payment flows, eliminating 100% of critical transaction failures pre-release.
- Monitored production reliability via Grafana dashboards, escalating 12+ anomalies to engineering and upholding 99.9% platform uptime while narrowing mean time to resolution by 35%.

### QA Automation Engineer

06/2023 – 01/2025

[IdeatoLife – Lahore, Pakistan \(Hybrid\)](#)

- Orchestrated automation programmes across 5+ enterprise projects — including PwC NEOM Learning Platform, Cloud Labelling AI (KAUST), Senegal Bus Ticketing, and Kulud Pharmacy App — lifting test coverage by 70% and accelerating delivery cycles by 35% via Agile/Scrum.
- Architected Selenium WebDriver + BDD (Cucumber/Gherkin) frameworks from scratch, then migrated to Playwright, optimising execution speed by 35% and improving CI/CD pipeline reliability by 25%.
- Pioneered Appium-based mobile test automation for iOS & Android, broadening regression coverage by 60% and cutting the mobile defect escape rate by 45%.
- Conducted JMeter stress and load tests across 3 client platforms, empowering engineering teams to remediate 8 critical bottlenecks and avert an estimated £120K in downtime costs.

### QA Engineer

03/2022 – 06/2023

[Moody's Investors Service \(via Upwork\) – Remote](#)

- Implemented Cypress automation suites for functional and regression testing of ESG analytics modules, attaining 90%+ coverage and saving 3 days of manual testing per sprint.

- Tested REST and SOAP API endpoints using Postman and SoapUI, surfacing and resolving 15+ data integrity defects that fortified ESG reporting accuracy for global enterprise clients.

## QA Engineer

08/2020 – 03/2022

Ngxoft Solutions – Lahore, Pakistan (Hybrid)

- Authored and ran 500+ manual functional, regression, and UAT test cases using structured test design techniques (boundary value analysis, equivalence partitioning), sustaining a <2% defect escape rate with zero critical production incidents.
- Spearheaded API validation and test automation using Postman and Selenium, shrinking backend defect turnaround by 30% and raising team delivery velocity by 15%.

## STARTUP & PRODUCT DEVELOPMENT

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### Co-Founder & AI Engineer

01/2025 – Present

GripOnTrip – [gripontrip.com](https://gripontrip.com)

- Launched an AI-powered travel platform (Next.js, React, TypeScript, Supabase), onboarding 200+ users within the first month and driving engagement up by 20%.
- Steered end-to-end product quality from MVP to live production, streamlining time-to-market by 3 months with zero critical post-launch defects through embedded QA practices.

## EDUCATION

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### MSc in Artificial Intelligence

09/2025 – Present

National College of Ireland – Dublin, Ireland

### BEng in Electrical Engineering – *Gold Medalist*

09/2016 – 06/2020

University of Engineering & Technology (UET) – Lahore, Pakistan · CGPA: 3.74/4.00

## TECHNICAL SKILLS

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<b>Test Automation</b>	Cypress · Playwright · Selenium WebDriver · Appium · BDD (Cucumber/Gherkin) · Page Object Model (POM)
<b>API &amp; Integration</b>	Postman · SoapUI · REST API Testing · GraphQL · JSON · XML · REST-assured · Contract Testing
<b>Performance &amp; Load</b>	JMeter · k6 · LoadRunner · Dynatrace · Grafana · Stress Testing · Scalability & Spike Testing
<b>Test Management</b>	TestRail · Jira · Confluence · Trello · Test Planning · Test Design · Defect Lifecycle · RTM
<b>CI/CD &amp; DevOps</b>	Jenkins · GitLab CI/CD · GitHub Actions · Git · LambdaTest · BrowserStack · Allure Reports
<b>Programming &amp; Data</b>	JavaScript · TypeScript · Java · Python · SQL · NoSQL (MongoDB) · Bash Scripting
<b>Methodologies</b>	Agile/Scrum · Kanban · Shift-Left Testing · Risk-Based Testing · Exploratory Testing · SDLC/STLC

## AWARDS & ACHIEVEMENTS

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### Gold Medal – Electrical Engineering, UET Lahore · 09/2020

Highest CGPA (3.74/4.00) in graduating cohort; recognised for outstanding academic achievement.

### Dean's Merit List – UET Lahore · 2016–2020

Maintained Dean's Merit List recognition across multiple semesters for a CGPA above 3.70.

### Runner-Up – National RoboWar Competition, HITEC University · 11/2018

Secured 2nd place among 50+ competing teams for autonomous combat robot design and embedded programming.

## LANGUAGES

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English (Fluent) | Urdu (Native / Bilingual) | Punjabi (Native / Bilingual)