MOHD AATIF KHAN

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Professional Summary

QA Automation Engineer (ISTQB CT-GenAI) with 5+ years building scalable test frameworks for Web and API apps. Extensive experience building Claude workflows, Claude Skills, and MCP integrations for AI-driven test automation. Expert in Playwright, Selenium, REST Assured, and CI/CD, with a track record of cutting testing cycles by 30–40%.

Technical Skills

Automation Tools:	Playwright, Selenium, Selenide, Appium, Karate, REST Assured, Postman, Bruno, JMeter
Languages:	TypeScript, JavaScript, Python, Java
Test Frameworks:	Playwright Test, playwright-bdd, Pytest, TestNG, JUnit, Serenity BDD, Cucumber, POM
CI/CD & DevOps:	GitHub Actions, GitLab CI/CD, Jenkins, SonarQube, Docker, Kubernetes, AWS
AI & Developer Tools:	Claude Code, Claude Skills & Projects, Cursor AI, MCP (Playwright, Atlassian, Xray, Bruno)
Test Management:	Jira, Xray, Zephyr, TestRail, Confluence
Methodologies:	Agile/Scrum, SDLC, STLC, Continuous Testing, API Testing, Performance Testing

Professional Experience

Automation Engineer **April 2026 – Present**
Aumni Techworks (Client: Trux Inc. – freight & logistics platform) *Pune, India*

- Actively automate UI and API tests in Playwright TypeScript with AI in the loop, using Claude Code to author, refactor, and debug specs straight from Jira stories and Xray test cases – cutting authoring time by 80%
- Driving the migration of a Selenide + TestNG (Java) UI and API framework to Playwright TypeScript, establishing it as the team's primary automation framework (850+ tests migrated)
- Own 100% of CI fixes for the Playwright suite in GitHub Actions, raising pipeline pass rate from 37% to 90% and cutting flaky tests by 50% – backed by SonarQube quality gates and Xray traceability
- Designing a playwright-bdd integration suite for end-to-end customer journeys (load board, driver workflows), pairing UI flows with API validation across feature flags, entity settings, and user roles
- Designed end-to-end Claude workflows across the QA lifecycle – story analysis, test design, spec generation, review, and maintenance – built on a CLAUDE.md conventions layer, Claude Projects, and reusable prompt templates
- Built 6 reusable Claude Skills – including Fix/Stabilise CI Runs and Automation Test Authoring – that package team conventions and domain knowledge into repeatable AI tasks with consistent output across engineers
- Built an in-house, Obsidian-style knowledge base that centralizes business knowledge for the entire project
- Connected Claude to the QA toolchain via MCP: Atlassian MCP for live Jira/Confluence context, an Xray MCP server that turns manual test steps into Playwright specs, and a custom Bruno MCP server over a shared API collection
- Drive AI adoption in QA via Playwright TypeScript training, Confluence docs for AI/MCP tooling, hiring interviews, and an RFC proposing a Claude-powered code-review stage in the QA pipeline

QA Engineer **January 2025 – April 2026**
Talentica Software *Pune, India*

- Architected scalable test automation frameworks using Playwright with TypeScript, achieving 30% increase in testing efficiency and 85%+ code coverage, reducing production incidents by 20%
- Pioneered GenAI test generation and defect analysis via Cursor AI, Claude Code, Playwright MCP (40% faster dev)
- Optimized GitLab CI/CD pipelines with Kubernetes for containerized testing, speeding up deployments by 30%

Associate / Programmer Analyst **October 2021 – December 2024**
Cognizant *Pune, India*

- Built Selenium, Playwright TS, and REST Assured frameworks for InfoSec and Banking apps, cutting manual testing 40% and vulnerabilities 25%
- Built UI (Serenity BDD) and API (REST Assured, AWS SDK) suites for banking microservices on AWS with 85% automation coverage, cutting regression from 5 days to 8 hours and improving defect detection by 35%

Key Projects

AI Agent for Test Report Analysis & Slack Integration | *GenAI, Python, Playwright, GitLab CI, Slack API, MCP*

- Designed an MCP-based AI agent that analyzes Playwright HTML reports and flags failure patterns (60% less manual analysis), with a real-time dashboard and Slack CI alerts that sped up issue resolution by 45%

Information Security Platform – Bot Detection & Risk Analysis | *Playwright, TypeScript, Kubernetes, GitLab CI*

- Architected a Playwright TypeScript framework from scratch for a bot detection and risk analysis app (90%+ coverage), running on Kubernetes via GitLab CI and built with Cursor AI for 30% faster delivery

Education, Certifications & Publications

B.E. Electronics & Telecommunication, *Government College of Engineering, Pune* **2021**
Certifications: ISTQB® Testing with Generative AI (CT-GenAI); ISTQB® Foundation Level 4.0 (CTFL)
Medium: "Playwright + MCP: The Future of AI-Driven Test Automation"; "Revolutionizing Automation Testing: GenAI and Semantic Kernel Multi-Agents"; "The Ultimate Guide to Selenium Locators"