SUMIT SAURAV

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PROFESSIONAL SUMMARY

Senior QA Automation Engineer with 15+ years of enterprise quality engineering and 4+ years of dedicated Playwright/TypeScript expertise. Proven ability to own quality end-to-end across fast-moving, multi-squad engineering organizations — designing automation from scratch, coordinating release readiness across microservices-based distributed systems, and building scalable testing processes that keep pace with high-velocity development. Deep hands-on experience across frontend, API, and integration automation using Playwright/TypeScript with Page Object Model architecture, REST API testing (Postman, PactumJS, Playwright request context), and CI/CD integration (GitHub Actions, Jenkins). Active practitioner of AI-assisted engineering — built and shipped a production 4-agent AI testing system for automated test generation, LLM-as-judge review, and intelligent CI failure triage; uses GitHub Copilot to accelerate test creation, refactoring, and maintenance daily. Strong track record combining automation with exploratory testing, collaborating closely with developers to embed testability early, and enabling teams to ship faster without sacrificing reliability. Incorporated (SUKUN INC.) and immediately available.

TECHNICAL SKILLS

Playwright & Test Automation: Playwright | TypeScript | JavaScript | Node.js | Page Object Model (POM) | Fixture-driven data patterns | Shared utility libraries | BDD (Cucumber, Karate) | Cypress | WebdriverIO | Selenium/Java | Frontend & API automation

API & Integration Testing: REST API testing | Playwright API testing (request context) | Postman | PactumJS | REST Assured | ReadyAPI | Contract testing (Pact) | Microservice integration validation | SQL data verification | End-to-end workflow testing

AI-Assisted Engineering: GitHub Copilot | Agentic AI testing | LLM-as-judge evaluation | DeepEval | Reflect AI | Claude Code + MCP | 4-agent AI test generation, peer review & CI triage | AI-accelerated test creation, refactoring & maintenance

CI/CD & DevOps: GitHub Actions | Jenkins | Docker | AWS | Multi-tier quality gates | Staged rollout validation | Environment-agnostic pipeline configuration | Shift-left integration | Release-readiness criteria

Quality Observability: Datadog | Cypress Cloud API | n8n | Slack API | Real-time quality dashboards | Regression signal tracking | Automated release-readiness reporting

Test Management & Agile: JIRA | Confluence | Xray | Zephyr | Agile/Scrum | Sprint-based delivery | Release coordination across microservices | Defect triage & tracking

Performance Testing: JMeter | k6 | Load and stress testing | Threshold-based CI quality gates

Languages: TypeScript | JavaScript | Java | Python | SQL | Bash

PROFESSIONAL EXPERIENCE

QA Automation Lead Engineer | TELUS Digital | *Jan 2022 – Sep 2026*

- Owned quality end-to-end across a 12+ component distributed microservices platform — designed and built the Playwright/TypeScript automation framework from scratch (POM architecture, shared utility libraries, fixture-driven data patterns, BDD-aligned tagging, environment-agnostic configuration); coordinated release readiness across multiple engineering squads; achieved 97% E2E coverage across frontend, integration, and regression test layers; combined automation with exploratory testing to ensure comprehensive release confidence.
- Active practitioner of AI-assisted engineering throughout the test lifecycle: used GitHub Copilot daily for accelerated test creation, refactoring, and maintenance; built and shipped a 4-agent AI testing system (Claude Code + MCP) — Agent 1 generates structured test models from requirements, Agent 2 auto-generates Playwright/Cypress scripts, Agent 3 performs LLM-as-judge peer review, Agent 4 triages CI failures via agent trajectory analysis — ~65% reduction in manual regression effort, ~40% improvement in release velocity.
- Built QACypress — a real-time quality observability system (n8n + Cypress Cloud API + Datadog + Slack) delivering automated quality signal at every CI build: surfaced net-new regressions, mapped failures to process deviations, and delivered release-readiness dashboards with zero manual triage — used daily across 12+ engineers, enabling the team to ship without quality becoming a bottleneck.

- Designed REST API and integration test suites validating business logic and end-to-end workflows across distributed microservice layers using Postman, PactumJS, and Playwright API testing; contract testing with Pact; SQL backend data verification; established multi-tier CI/CD quality gates in GitHub Actions and Jenkins with staged rollout validation blocking promotions on failed thresholds.
- Collaborated closely with developers, product owners, and engineering leadership to embed testability from earliest design stages; mentored and upskilled QA engineers across multiple organisations on Playwright patterns, AI tooling adoption, and quality ownership culture; authored best-practice guides and process documentation to ensure quality scaled sustainably with team growth.

QA Automation Lead | Accenture (Client: TELUS) | *Oct 2016 – Dec 2021*

- Built Selenium/Java and Karate BDD automation frameworks from scratch for a large-scale enterprise distributed platform — validated end-to-end business process integrity across all workflow stages with full SQL backend verification using JUnit/TestNG test suites; coordinated release readiness across onshore/offshore QA teams of 8+ engineers.
- Designed REST and SOAP API test suites validating data flows across multiple integration layers; built JMeter performance testing infrastructure with threshold-based CI quality gates; stakeholder reporting and defect triage across distributed release cycles.

Associate Software Engineer / Test Architect | Accenture | *May 2012 – Oct 2016*

- Functional, regression, integration, and performance testing across enterprise applications; validated complex distributed business workflows using HP QC/ALM, Selenium, SQL; built automation scripts across Agile and waterfall SDLC environments.

EDUCATION & CERTIFICATIONS

B.Tech, Electronics and Electrical Engineering — KIIT University, India | 2008–2012

ISTQB Advanced Level — Test Automation Engineer *(In Progress, 2026)*