

RAHUL SHUKLA

Senior QA Engineer | Automation Architect | SDET

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PROFESSIONAL SUMMARY

Results-driven QA Automation Architect with 10+ years of experience building enterprise-grade test frameworks across fintech, telecom, and insurance domains. Expert in Playwright, Cypress, and Selenium with a track record of scaling automation suites from scratch — including a 500+ test case framework that reduced regression time by over 50%. Proven ability to lead QA strategy, mentor teams, and integrate AI-assisted tooling (GitHub Copilot, Cursor AI) to accelerate delivery cycles. Seeking a senior individual contributor or QA Lead role where I can drive automation excellence and quality culture.

KEY ACHIEVEMENTS

- ★ Scaled automation coverage from 10% → 55% at Paya CP, building 500+ test cases from near zero
- ★ Reduced regression testing time by 50%+ at Infosys across AT&T and Cox Communication projects
- ★ Grew test coverage from 35% → 75% at Atidiv, significantly cutting defect slippage in production
- ★ Designed REST API automation framework using Cypress from scratch, enabling full E2E API validation
- ★ Cut sanity testing time significantly by implementing Playwright BDD automation at AKQA Hesta

TECHNICAL SKILLS

Automation Tools: Playwright, Cypress, Selenium WebDriver

Languages: JavaScript, TypeScript, Core Java, Node.js

API Testing: Postman, REST, GraphQL, Mock APIs (Faker)

Frameworks: BDD (Cucumber), TDD, POM, Hybrid, Page Object Model

CI/CD & DevOps: Jenkins, GitHub Actions, AWS (DynamoDB, CloudWatch)

Reporting: Allure, Mochawesome, Slack Integration

AI Tooling: GitHub Copilot, Cursor AI — accelerated test dev and code quality

Performance: Apache JMeter, Visual Regression (Percy)

Test Management: JIRA, HP ALM, Git, GitHub, Version Control

Methodologies: Agile/Scrum, Sprint Planning, Test Strategy, Defect Lifecycle

PROFESSIONAL EXPERIENCE

Senior Specialist Engineer | Successive Technologies | Noida | Aug 2022 – Present

Project: ZScaler — Enterprise Network Security Platform

- ▶ Designed and implemented a scalable Playwright TDD framework from scratch using TypeScript, achieving 82% automation coverage across end-to-end UI flows for ZScaler's enterprise security dashboard.
- ▶ Structured the test suite following TDD principles — writing test specs ahead of feature implementation in close collaboration with dev teams, reducing defect leakage to production by ~40%.
- ▶ Leveraged TypeScript's strong typing and interface contracts to enforce test reliability, cutting flaky test rate by 30% and improving framework maintainability across the team.
- ▶ Integrated Playwright tests into CI/CD pipelines (GitHub Actions) for automated execution on every build, reducing average regression cycle time from 6 hours to under 90 minutes.
- ▶ Implemented cross-browser and multi-environment test coverage (Chrome, Firefox, WebKit) across 3+ enterprise configurations, ensuring 99%+ portal stability pre-release.

Project: AKQA Hesta

- ▶ Implemented UI automation using Playwright with BDD (Cucumber), integrated Allure reporting for detailed insights across sprints.
- ▶ Leveraged Cursor AI to accelerate automation script development, improving delivery speed and code quality.
- ▶ Significantly reduced sanity testing time and manual effort through automation, enabling faster release cycles.
- ▶ Validated content on AEM and Contentstack platforms across multiple screen resolutions and devices.

Project: Paya CP — Fintech Payment Platform

- ▶ Improved automation test coverage from 10% → 55%.
- ▶ Scaled UI automation suite to 500+ test cases covering smoke, sanity, and regression — fully integrated into CI/CD pipelines.
- ▶ Built REST API automation framework using Cypress from scratch; automated tests use dynamic data and mock APIs for robust reusability.
- ▶ Implemented POM architecture in JavaScript/Node.js for Angular-based application; standardized data-automation-id attributes with developers to improve locator reliability.
- ▶ Utilized AWS (DynamoDB, application logs) for backend data validation and debugging in test scenarios.
- ▶ Executed POCs for SMS validation, email testing, and visual regression (Percy); leveraged GitHub Copilot for code quality improvements.
- ▶ Mentored and coached junior QA engineers, growing team capabilities and overall testing proficiency.

Senior QA Engineer | **Atidiv India Private Limited** | Remote | Jan 2022 – Jul 2022

Project: Voyage SMS

- ▶ Grew test coverage from 35% → 75%.
- ▶ Implemented Cypress Mochawesome reporting with Slack integration for real-time test result notifications to stakeholders.
- ▶ Designed and maintained a robust E2E automation framework following best practices; onboarded and mentored junior QA engineers.
- ▶ Created comprehensive QA documentation: test cases, test plans, bug reports, and weekly defect dashboards for leadership review.

Senior QA Engineer | **Exzeo India Private Limited** | Noida | Apr 2019 – Dec 2021

Project: Claim Colony Books & Claim Colony Financials — Insurance Tech

- ▶ Reduced test execution time by 35% through Cypress framework optimizations and reporting improvements.
- ▶ Built scalable API automation framework using Cypress and Postman; developed BDD feature files aligned to user stories for CI execution.
- ▶ Performed end-to-end GraphQL API testing including schema, queries, and mutations with dynamic test data.
- ▶ Set up and maintained Jenkins CI/CD pipelines in collaboration with DevOps for automated test execution on every build.
- ▶ Conducted data validation using SQL; used Apache JMeter for performance testing of critical workflows.
- ▶ Contributed to Agile ceremonies and sprint planning; delivered defect metrics and dashboards to leadership regularly.

Test Engineer | **Infosys Limited** | Pune | *Jul 2015 – Apr 2019*

Project: AT&T & Cox Communication — Telecom

- ▶ Reduced regression testing time by 50%+ by developing automation scripts in Java, TestNG, and Selenium WebDriver.
- ▶ Performed SIT, UAT, and regression testing; conducted cross-platform testing across Android, iOS, Chrome, Firefox, and Edge.
- ▶ Managed test cases and defect lifecycle in HP ALM and JIRA; validated backend data using SQL queries.
- ▶ Conducted basic API testing with Postman; participated in daily scrums, sprint demos, and triage meetings.

EDUCATION

B.Tech in Information Technology | SRM University | Graduated Jun 2015