

NAVENDU SHUKLA

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PROFESSIONAL SUMMARY

Automation QA Leader with 9+ years architecting and scaling test automation frameworks across product engineering, media, and e-learning organizations. Track record of building CI/CD-integrated Playwright and Selenium frameworks that cut pipeline execution time by 70%, achieving 85%+ automated coverage across concurrent projects, and leading QA teams of up to 8 engineers to 100% on-time release delivery. Skilled in translating quality strategy into measurable business outcomes and increasingly applying AI/agenting tooling (Amazon Bedrock, Claude Code, Playwright MCP) to accelerate test authoring and defect prevention.

EXPERIENCE

Automation QA Lead — Incedo Inc, Gurugram

Dec 2024 – Present

- Architected a Playwright + TypeScript automation framework with reusable utilities, cutting new test-case authoring time by 30% and enabling 85%+ automated coverage across 4 concurrent client projects.
- Own UI, API, and DB test automation delivery end-to-end, reducing regression cycle time and surfacing defects earlier in the release pipeline.
- Mentor 6 junior automation engineers on framework design and best practices, improving their individual delivery speed by 30%.
- Translate 50+ user stories per quarter into automation acceptance criteria in Zephyr, aligning QA scope with sprint commitments.
- Deliver sprint estimates across 4 simultaneous client engagements with 90%+ on-time accuracy, supporting predictable release planning.

Manager, Automation QA — Trusted Media Brands

Nov 2020 – Sep 2024

- Led an 8-engineer AQA team to 100% on-time delivery across all automation projects, while owning hiring, mentorship, and process strategy.
- Cut CI/CD pipeline execution time by 70% through parallel test execution and GitLab CI/CD optimization, directly speeding up release cadence.
- Hired and onboarded 12 AQA engineers, reducing average ramp-up time by 40% through a structured onboarding framework.
- Scaled sprint-synchronized automation coverage across 15+ projects org-wide, standardizing QA process maturity company-wide.
- Served as sole automation owner for the company's highest-revenue product, preventing 100+ critical defects from reaching production through automated regression coverage.

Senior Software Engineer, Test Automation — Qualitest, Noida

Jun 2017 – Nov 2020

- Increased automated test coverage by 40% on the Mindtap platform (Cengage Learning) within two sprints, accelerating release confidence.
- Directed API test automation strategy, cutting manual regression testing time by 50% across the account.
- Built UI, API, and DB test coverage spanning Mindtap, Kaplan University, and ZappRx platforms for three concurrent enterprise clients.
- Maintained zero missed release deadlines across 3 concurrent client accounts through structured QA planning and cross-team coordination.

CORE SKILLS

Leadership: Team Management (8+ engineers), Hiring & Onboarding, Mentorship, QA Strategy, Stakeholder Management, Sprint Planning

Automation: Playwright, Selenium WebDriver, Rest-Assured, Cucumber, Codeception, Galen, Geb, Spock

Languages: Java, TypeScript, JavaScript, Groovy, PHP

Frameworks & Tools: TestNG, Maven, Allure Reports, Postman, LambdaTest, BrowserStack, Splunk, Redis, TestRail

CI/CD & Cloud: Jenkins, GitLab CI, Azure DevOps, Docker, AWS (S3, Lambda, CloudWatch, Step Functions), GCP

AI & Agentic Tooling: Amazon Bedrock, Bedrock Guardrails, Agentic AI, Playwright MCP, Claude Code, RAG, In-House AI Test Automation Tool

Testing Disciplines: UI, API & DB Automation, Accessibility Testing, Cross-Browser Testing, Shift-Left Testing, Regression & Release Quality

Project & Bug Tracking: Jira, TestRail, Zephyr, Confluence

EDUCATION

B.Tech, Computer Science

Inderprastha Engineering College, Ghaziabad, India — April 2017