Ashish Nayak

QA Automation Engineer

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SUMMARY

QA automation engineer with 5+ years across AI/OCR, automotive infotainment, telecom and e-commerce. Owns automation strategy end to end: Playwright (TypeScript) frameworks built from scratch, API and K6 performance testing, and GitHub Actions pipelines with quality gates. Uses Claude Code to draft tests faster while keeping every merge reviewed. Promoted to P3 within the first year at Cogent Labs.

SKILLS

Test automation	Playwright (TypeScript), Selenium WebDriver, Appium (iOS and Android), TestNG
API and performance	REST API testing with Postman, K6 load and performance testing
CI/CD and cloud	GitHub Actions, Git, CI/CD quality gates, AWS S3
Programming	Java, Python, TypeScript, Shell
Data and tooling	SQL (BigQuery), MongoDB, Jira, CANoe, QXDM log analysis
AI-assisted testing	Claude Code for Playwright test generation, with human review of every change
Practices	Test strategy, test planning and test case design, regression testing, root-cause analysis, defect lifecycle management, microservices testing, shift-left quality, Agile/Scrum

EXPERIENCE

QA Automation Engineer (P3 — Promoted) · Cogent Labs, Tokyo — June 2025 – Present

Promoted to P3 (senior individual-contributor level) within the first year

- **Automation strategy.** Took full ownership of end-to-end automation across multiple AI/OCR products, defining tooling, standards and execution processes.
- **Framework from scratch.** Expanded coverage to newer AI/OCR product lines by establishing Playwright-based frameworks from the ground up.
- **Unit test coverage 20% to 80%.** Introduced structured test strategies and dependency mocking, and enforced team-wide test standards.
- **API testing.** Designed and ran comprehensive Postman suites covering critical backend workflows and edge cases.
- **Performance.** Used K6 to find system bottlenecks and validate scalability under load.
- **CI/CD.** Built and maintained GitHub Actions pipelines with automated test execution, gating and failure reporting.
- **Reporting dashboard.** Built a central dashboard on AWS S3 to store, visualise and compare test results across runs.
- **AI-assisted testing.** Uses Claude Code to draft Playwright tests from specifications, with every test reviewed before it merges.
- **Quality gates.** Partnered with developers to improve testability and enforce checks before each deployment.

QA Automation Engineer · L&T Technology Services, Tokyo — Jan 2024 – Nov 2025

- **End-to-end QA** for GPS tracker and navigation features in an automotive in-vehicle infotainment (IVI) product, across multiple vehicle model releases.
- **Appium framework.** Extended and scaled the existing automation for iOS and Android companion apps, improving reliability and coverage.
- **API automation.** Built suites for a microservices architecture, covering integration points between the IVI system and backend services.
- **Regression.** Ran UI regression on the IVI head unit and mobile companion apps across OS versions.

- **CAN bus simulation.** Used CANoe to reproduce real-world signals and validate system behaviour under different driving conditions.
- **Stakeholders.** Worked closely with Japanese client stakeholders to agree test scope and sign-off criteria for each release.

QA Engineer · L&T Technology Services, Japan–India

Jan 2022 – Dec 2023

Internal transfer from L&T Bangalore

- **Telecom testing.** Delivered end-to-end testing for a global consumer-electronics client, spanning 5G NR, VoLTE, Wi-Fi calling and connectivity on Android devices.
- **Automation frameworks.** Built and maintained Python, Appium and TestNG frameworks covering regression and smoke suites for multiple device models.
- **Log analysis tooling.** Wrote Python tools to parse and analyse QXDM diagnostic logs, cutting manual analysis time significantly.
- **Device performance.** Ran throughput, thermal stress and voice call quality tests to validate behaviour under real-world use.
- **Cross-team delivery.** Coordinated testing across the Japan and India teams to keep execution and defect reporting consistent.

Associate Engineer · L&T Technology Services, Bangalore

Feb 2021 – Dec 2021

- **Selenium framework from scratch.** Built a Selenium WebDriver and TestNG framework for an e-commerce enterprise web application.
- **Reusable components.** Designed reusable test components that cut the time to create tests for new features.

EDUCATION

Computer Science degree
SRM University

LANGUAGES

English

Hindi