

Yash Pandey

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Summary

Senior SDET with 4 years of experience in **UI, API, and database test automation** using **Playwright and TypeScript/JavaScript** within **Agile SDLC** environments. Skilled in identifying non-obvious system failures by reasoning across UI, API, and DB layers simultaneously. Experienced in **framework design, code review, and CI/CD integration**. Actively applying **Claude Code and Cursor** for AI-assisted test generation, PR reviews, and POM authoring; building expertise in **LLM evaluation and agentic testing workflows**.

Experience

SDET (Contract) – Hims & Hers

Apr 2025 – Present

BayOne Solutions

Gurugram, Haryana

- Built and maintained **component and unit test suites** using **Vitest** and **Playwright (TypeScript)** for UI components driven by **Contentful CMS**, validating rendering logic and integration behaviour.
- Designed automation frameworks for **functional, regression, and microservices testing**; collaborated with developers and product teams to align test coverage with Agile sprint goals; used **Claude Code** for rapid code comprehension and PR review, and **Cursor** (JIRA + GitHub integration) for prompt-driven test generation and POM authoring.
- Performed **API testing** for back-end services; validated integration contracts and managed defect lifecycle via **Git, Jenkins, and JIRA**.
- Identified critical **exploratory defects** missed by automation — including a **back-button navigation failure** in the post-product-selection flow and **text-wrapping breakdowns** across viewport sizes due to unhandled whitespace in CMS-driven layouts.
- Applied **AI-assisted debugging workflows** — using prompt-driven Cursor sessions to trace flaky failures, enforce framework consistency, and validate LLM API response structures in agentic test flows.

QA Automation Engineer

Jan 2024 – Mar 2025

FIS

Mohali, Punjab

- Automated **UI, API, and database tests** using **Playwright (JavaScript)** for core banking modules including fund transfers and account management across **Agile sprints**.
- Performed **end-to-end data validation** by cross-referencing API responses, DB records, and UI states — identifying discrepancies invisible at any single layer.
- Integrated automation suites into **Jenkins CI/CD pipelines**, reducing manual execution effort by **40%**.
- Identified a **boundary value defect** causing silent data truncation in transfer fields and a **hash-corruption bug** where special characters in user IDs produced malformed DB records undetected by existing tests.

Software Engineer E

Oct 2021 – Jan 2024

FIS

Mohali, Punjab

- Created **UI and API test scripts** using **Playwright and Postman**; validated back-end data integrity via direct **SQL queries** (Oracle, MySQL).
- Designed and executed **test strategies for SIT and UAT** across dormant account and user migration projects; conducted **exploratory testing** by validating redirect flows across migration pages and applying **combinatorial input testing** to identify user-path edge cases invisible to automated scripts — reducing recurring production defects by **25%**.
- Identified a **DOM structural defect** (button nested in button) invisible during manual testing, traced to a CMS template misconfiguration via automated element resolution.

Projects

Real-Time QA Intelligence Dashboard | [Live](#) | [GitHub](#)

React, Node.js, Playwright, GitHub Actions, JIRA API, Vercel

Personal

- Built a **live QA intelligence platform** aggregating CI/CD pipeline status, JIRA bug tracking, and Playwright test results into a single real-time dashboard with **AI-powered bottleneck detection**.
- Integrated **7 client-side JIRA filters** with clear-all and issue count; implemented **nightly regression workflows** via GitHub Actions for automated backend and frontend validation.
- Deployed on **Vercel** with 52+ production deployments and self-healing CI config — demonstrating end-to-end ownership from test infrastructure to shipped product.

Playwright Automation Framework (UI + API + AI Validation)

Personal / Professional

TypeScript, Playwright, Page Object Model, LLM APIs

- Designed a **scalable Playwright + TypeScript framework** using POM with unified support for UI, API, and network interception; added **LLM response validation layer** using Anthropic and OpenAI APIs.
- Configured diagnostics with **screenshots, traces, videos, and HTML reports**; parallel cross-browser execution across Chromium, Firefox, and WebKit integrated into CI.

Dormant & Inactive Accounts Feature

FIS

Playwright, SQL, API Testing

- Built regression suite validating **account state transitions** across UI, API, and DB layers simultaneously; achieved **30% reduction in production defects** via cross-layer consistency checks in CI pipeline.

Education

Lovely Professional University

Phagwara, Punjab

B.Tech, Computer Science Engineering

2017 – 2021

Technical Skills

Automation: Playwright (UI + API + Network), Vitest (Unit & Component), Page Object Model, Framework Design

AI & Dev Tools: Claude Code (code review, PR analysis), Cursor IDE (JIRA + GitHub integration, test gen, prompt-driven debugging), Anthropic API, OpenAI API, LLM Response Validation, Prompt Engineering

Languages: TypeScript, JavaScript, SQL

API & DB: REST API validation, Postman, Playwright APIRequestContext, Oracle, MySQL

CI/CD & Tools: Jenkins, GitHub Actions, Git, JIRA, Cross-browser Testing (Chromium / Firefox / WebKit)

Practices: E2E Testing, Regression, SIT/UAT, Exploratory & Manual Testing, SDLC, STLC, Agile, PR Code Review, Root Cause Analysis, Boundary Value Analysis, Agentic Testing