

Darvin Patel

Automation Test Engineer

[linkedin.com/in/darvinpatel](https://www.linkedin.com/in/darvinpatel) | Sydney, NSW | contact@darvinpatel.com | 042***** | [darvinpatel.com](https://www.darvinpatel.com) | github.com/darvinpatel

Detail-oriented and results-driven Automation Test Engineer with **6+ years of experience** in designing, developing, and executing robust automated test frameworks for web and API applications. Proven expertise in tools such as **Selenium, Cypress, Playwright, and Postman**, with strong scripting skills in **JavaScript, TypeScript, and Python**. Proficient in implementing **CI/CD pipelines** using Jenkins, GitHub Actions, and cloud-based solutions like **AWS**. Adept at working in **Agile/Scrum** environments, collaborating closely with developers, product owners, and QA teams to deliver high-quality software. Passionate about continuous learning, test optimization, and driving quality-first engineering culture.

- **BDD** framework in **Cucumber** using **Gherkin** of UI in **Playwright** with **Typescript** integrated with **Github Actions** for CI/CD - <https://www.loom.com/share/8d27d1cff85049ac81867fe68ae10037>
- **TDD** framework of UI + API in **Playwright** with **Typescript** integrated with **Github Actions** for CI/CD - <https://www.loom.com/share/d4879b782c0d48d19488028deecb3c63>
- E2E framework of UI + API in **Cypress** with **Typescript** integrated with **Github Actions** for CI/CD - <https://www.youtube.com/watch?v=AGxq3mzNkSg>
- **TDD** framework of UI in **Java** with **Selenium, Maven** as a build tool. Take home assignment for Planit, Brisbane - <https://www.loom.com/share/2e16858dad3e418f8a74f8e62b21fb70>
- **Browserstack App Live and App Automate** - <https://www.youtube.com/watch?v=ZY6FQ0mVM68>
- **Integration Testing(contract testing) using PACT** - <https://www.youtube.com/watch?v=fabjrcxLBIi>

Work experience

[Integrity Systems Company](#) | Software Development Engineer in Test

Sydney, NSW | 06.2025 - Current

- Published a new package on npm - <https://www.npmjs.com/package/xray-helper-integration> for posting test automation results to **Xray**
- Designed and executed end-to-end software testing strategies across web, mobile, API, and system environments to ensure high-quality releases
- Built and maintained robust test automation frameworks for web and mobile platforms(iOS + Android) using **Playwright, Typescript, Appium, Browserstack and WebdriverIO**
- Developed and integrated automated tests into CI/CD pipelines to accelerate release cycles and improve software stability using **CircleCI and Bitbucket**
- Performed API testing across REST, SOAP, and GraphQL services, ensuring backend reliability and performance
- Used **SQL** queries to validate data integrity and troubleshoot complex issues across databases and systems

[NICE](#) | Automation Test Engineer

Sydney, NSW | 12.2024 - 06.2025

- Developed and maintained end-to-end UI test suites using **Cypress with TypeScript**, ensuring high test reliability and fast execution across multiple environments
- Collaborated closely with cross-functional teams in an **Agile/Scrum environment**, contributing to sprint planning, daily stand-ups, and retrospectives to drive continuous delivery
- Integrated automated test pipelines into **Buildkite CI/CD**, enabling faster feedback loops and supporting a shift-left testing approach to catch issues early in the dev cycle.

[Planit](#) | Senior Automation Engineer

Brisbane, QLD | 12.2022 - 12.2024

- Built and maintained automated test frameworks using **Playwright with TypeScript**, achieving over **70% automation coverage**
- Ensured cross-browser compatibility and CI/CD readiness by integrating Playwright tests into **Azure DevOps pipelines**
- Led the team in the absence of the Test Lead and **mentored cross-functional peers**, fostering a strong QA culture and enhancing documentation practices

Infosys | Test Automation Engineer

Sydney, NSW | 02.2022 - 01.2022

- Developed and maintained **automated test scripts** using **Selenium, JUnit, TestNG**, and **Java**, contributing to robust regression and functional testing.
- Designed and integrated test automation into **CI/CD pipelines** using **Jenkins and Git**, with additional API testing experience via **Postman** and **RestAssured**
- Conducted onboarding and **training sessions for new hires**, boosting team proficiency in **JIRA troubleshooting** and monitoring by **25%**

Effsion | QA Engineer

Sydney, NSW | 04.2021 - 02.2022

- Contributed to end-to-end testing of **MasterCard Payment Gateway Services (MPGS)** within **CI/CD pipelines**, ensuring quality across unit, functional, integration, and UAT levels
- Collaborated on secure code reviews and utilized tools like **Jenkins, Splunk, Postman**, and **Selenium** to validate application integrity and performance
- **Documented and standardized the regression testing process**, leading training sessions that **improved team coordination and reduced defect triage time by 50%**

Projects

- [AWS Cloud Resume Challenge](#): The AWS Cloud Resume Challenge showcases cloud skills by creating a personal resume site using AWS services like S3, CloudFront, and Route 53. It involves a serverless backend (API Gateway, Lambda, DynamoDB) for a visitor counter, CI/CD pipelines, and Infrastructure as Code, highlighting both DevOps and cloud development expertise
- [Photo Storage for my wedding](#): Used by several guests to share their photos for the event. Created using Vite, Typescript, React, Tailwind CSS, Supabase and Vercel

Education

University of Sydney | [Master of Information Technology Management](#)

Sydney, NSW | 02.2019 - 05.2021

University of Sydney | [Master of Information Technology - Cybersecurity](#)

Sydney, NSW | 02.2019 - 05.2021

Nirma University | Bachelor of Technology in Computer Science

Ahmedabad, India | 08.2014 - 06.2018

Skills

- **Languages & Frameworks:** JavaScript (ES6+), TypeScript, HTML5, CSS3, React.js, Next.js, Cypress, Playwright, Selenium WebDriver, WebdriverIO, AccelQ, JUnit, TestNG, Mocha, Chai, Cucumber (BDD), Allure Reports
- **Styling & UI Libraries:** Tailwind CSS, Styled Components, Framer Motion
- **Tools & Utilities:** ESLint, Prettier
- **Build & Deployment:** Vite, Webpack, NPM, Yarn, Git, GitHub, Vercel, Netlify
- **CI/CD & DevOps:** Jenkins, GitHub Actions, Buildkite, Azure DevOps, Docker (basic), Git
- **Monitoring & Logs:** Splunk, Kibana, Putty
- **Test Types:** Unit, Integration, System, Regression, Smoke, UAT, Cross-browser Testing
- **Documentation & Management:** TestRail, Zephyr, Confluence
- **Best Practices:** Responsive Design, Cross-Browser Compatibility, Performance Optimization, Accessibility, SEO Fundamentals

Certificates

- [Azure SC-900](#): Microsoft Certified: Security, Compliance, and Identity Fundamentals

Microsoft | 01.2024

- [Linux Essentials](#): Linux Professional Institute

LPI | 08.2019