

HARITHA DEVADAS

SDET | QA Automation Engineer | Playwright · TypeScript · CI/CD

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Open to: Remote | Hybrid | Relocation

PROFESSIONAL SUMMARY

Software Development Engineer in Test (SDET) with 6+ years of QA experience across manufacturing ERP, banking and financial services, e-commerce and digital media applications. Designed both of the current team's automation frameworks from scratch: first in Selenium WebDriver (Java) with TestNG, then a Playwright + TypeScript Page Object Model (POM) framework, and led the migration between them. Owns UI test automation end to end: framework design, Bitbucket Pipelines CI/CD integration and failure triage to root cause. Strong in business-rule and cross-module data validation for Order-to-Invoice, Bill of Materials (BOM), Production Planning, Procurement and Inventory flows. Pursuing an M.Tech in Data Science & AI at IIIT Dharwad, focused on applying AI/ML to software quality engineering.

TECHNICAL SKILLS

- **Test Automation:** Playwright, Selenium WebDriver, TestNG, Page Object Model (POM), Custom Fixtures, Data-Driven Testing, Parameterized Tests, Parallel Execution, Cross-Browser Testing, End-to-End (E2E) Testing
- **API Testing:** SoapUI, Playwright APIRequestContext, JSON Response Validation, Status Code & Negative Testing
- **Programming:** TypeScript, Java, Python, SQL
- **CI/CD & Tools:** Bitbucket Pipelines, Git, Bitbucket, npm, VS Code, Playwright HTML Reports, Trace Viewer, Test Artifacts & Screenshots, Jira
- **Databases:** SQL (data validation, backend testing), MongoDB
- **Testing Types:** Functional, Regression, Integration, Smoke, Sanity, UAT, Exploratory, Mobile Application Testing
- **QA Practices:** Test Strategy, Test Planning, Test Case Design, Requirement Traceability Matrix (RTM), Defect Lifecycle Management, Root Cause Analysis (RCA), Code Review of Test Code, SDLC, STLC
- **Methodologies:** Agile, Scrum, Sprint Ceremonies, Waterfall
- **Domain:** ERP (Manufacturing): Sales, Purchase, Production Planning, Inventory, Procurement, BOM, Order-to-Invoice; Banking & Financial Services; Digital Media; Logistics & Supply Chain, Chat application for mobile and desktop
- **AI / ML:** Machine Learning, Deep Learning, Computer Vision, Python

PROFESSIONAL EXPERIENCE

Lidex India Private Limited

Software Test Engineer (SDET)

Feb 2024 – Present

Kerala, India - Remote

- Designed and built the team's first test automation framework from scratch in Selenium WebDriver (Java) with TestNG, automating regression test cases for the manufacturing ERP.
- Evaluated Selenium against Playwright on dynamic waits and locator stability for the ERP's dynamic screens, then led the migration to Playwright (TypeScript).
- Designed and built a Page Object Model framework from scratch with reusable page and component classes, TypeScript fixtures for authentication and test data setup, environment-based configuration and centralized test data generation.
- Automated end-to-end UI test across multiple ERP modules, including Sales, Purchase, Production Planning, etc.
- Integrated the suite into Bitbucket Pipelines, publishing HTML reports, traces and screenshots so failures are triaged to root cause without local reruns.
- Validated cross-module business rules and data integrity (sales order to production to inventory to invoice), catching defects where data passes between modules.
- Improved suite stability by replacing brittle XPath with role, label and test-id locators and removing hard-coded waits, reducing flaky test failures.
- Owned regression sign-off for releases, reviewed team test code, and wrote knowledge-transfer documentation for developers and business analysts.

Eden Innovative Infotech Private Limited**Jan 2023 – Sep 2023**

Test Engineer

Kochi, Kerala, India

- Designed test plans, test scenarios and test cases for an e-commerce platform covering modules like (Cart, checkout, payments, product catalogue).
- Executed functional and regression testing, logged, tracked and verified defects through the full defect lifecycle.
- Worked with developers to reproduce, triage and verify fixes, and contributed to improving the team's testing approach.

Tokyo Freight Services WLL**Apr 2018 – Jun 2022**

Operations Executive

Doha, Qatar

- Coordinated international freight forwarding, inventory, vendor management and shipment schedules with global partners.
- Hands-on supply chain experience that now informs inventory, procurement and logistics test scenarios in ERP testing.

Infosys Ltd.**Sep 2015 – Mar 2018**

Senior Testing Executive

Hyderabad, India

- Tested a mainframe-to-web conversion for a leading US Digital Media client; received the INSTA Award for the project's successful launch (Q2 FY'17-18).
- Developed and maintained Selenium automation scripts for regression testing.
- Validated backend data integrity with SQL queries; prepared test scenarios from requirements for a US Bank.
- Tracked defects in Jira across Agile and Waterfall projects; part of the team awarded IVS Best Team (Q2 FY'17-18) and received IVS Best Debutant (Q2 FY'16-17).

EDUCATION

M.Tech in Data Science & Artificial Intelligence**2026 – Present***Indian Institute of Information Technology (IIIT) Dharwad***Master of Computer Applications (MCA) – Artificial Intelligence****2023 – 2025***Amrita Vishwa Vidyapeetham***Bachelor of Computer Applications (BCA)****2012 – 2015***Bharathiar University***CERTIFICATIONS**

- Machine Learning Specialization – Stanford Online & DeepLearning.AI
- IBM AI Engineering Professional Certificate
- Machine Learning for Supply Chains
- Google Cloud Computing Foundations Certificate
- AI/ML for Geodata Analysis (Participation) – ISRO & IIRS
- UGC NET (June 2025) – Eligibility for Assistant Professor and PhD Admission

AWARDS

- INSTA Award – Mainframe-to-web conversion project launch, Infosys (Q2 FY'17-18)
- IVS Best Team Award, Infosys (Q2 FY'17-18)
- IVS Best Debutant Award, Infosys (Q2 FY'16-17)