

Manjunath

SDET Automation Test Engineer



9 Years 10 Months



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Profile Summary

QE Lead with 9+ years of experience in test automation, framework design, and quality engineering across enterprise applications.

- Built automation practices from scratch — frameworks, CI/CD pipelines, testing strategies, and team standards.
- Hands-on across UI, API, database, and protocol-level testing using Java, Python, Selenium, Playwright, and Rest Assured.
- Led teams, set QE standards, and worked closely with Dev — testing as part of the cycle, not at the end of it.
- Actively exploring AI in QE — MCP-based Playwright, GitHub Copilot, and predictive test analytics portal.
- Strong in CI/CD — Jenkins, Docker, short lived environments, and automated stakeholder reporting.
- I care about building quality systems that are visible, maintainable, and fast — not just passing test suites.



Education

B.Sc, 2016

Mangalore University, Mangalore



Work Experience

Mar 2022 - Present

SDET Automation Test Engineer

Publicis Sapient

Client: Wellington

- Built the entire automation setup from zero for a new trading application, set the QE standards, and led a team of 5.
- Worked closely with Dev from the start — testing happened during the sprint, not after it.
- Testing was split across three layers — UI for front-end checks, Rest API for component and integration coverage, and deeper testing including database, AMQ, and WebSocket calls.
- Built a CI/CD pipeline that runs around 2,000 tests every day and posts a clear summary report to the team's channel — stakeholders always know where things stand without digging through Jenkins.
- Every CI pipeline run gets its own fresh environment — services, database, everything — and it's cleaned up once execution finishes. No shared environments, no leftover state causing issues.
- Created a set of utilities that got reused across multiple projects — including a service that lets Java code talk to non-Java projects over REST, plus database, file, AMQ, and WebSocket helpers.



Key skills

- Java
- Python
- Selenium
- Playwright
- Rest API Automation
- Maven
- GIT
- Jenkins
- Docker
- Amazon Web Services
- JMeter
- Cucumber
- TestNg
- Dependency Injection
- SQL
- Agile
- Github Copilot
- Model Context protocol (MCP)



Personal Information

City Bengaluru

Country INDIA



Languages

- English
- Kannada
- Hindi

- Explored MCP-based Playwright integration and presented it to the team and adapted throughout the project along with other MCP tools.
- Wrote the testing guidelines and many service strategy documentation and walked the client through it as the QE standard for the project.

Recognitions

🏆 Client appreciation for Springboot based service through which a non java project can talk to java based utilities. And also the automated Teams channel report (Daily automation execution report) — stakeholders found it genuinely useful.

🏆 Recognised at Sapient AI Hackathon for the [Test Analytics & Predictive System portal](#) - A comprehensive web-based platform for analyzing, monitoring, and managing automated test execution results with AI-powered insights.

Nov 2019 - Mar 2022

Senior Test Automation Engineer

Accenture

Client: Google • gStore

- Owned end-to-end UI & backend automation using Google's TIN framework; ran test suites periodically to catch component-level defects early.
- Conducted code reviews against Google's engineering standards, driving best-practice adoption across the team.
- Served as co-automation lead in leadership's absence — coordinating team deliverables and technical direction.
- Authored automation handbooks adopted as standard onboarding guides across multiple teams.
- Proactively evaluated new tools and plugins to reduce manual effort and raise quality benchmarks.

🏆 Nominated — FY21-Q2 Delivery Heroes (Accenture × Google) for complex backend automation on the TIN framework.

Jul 2016 - Nov 2019

Automation Test Engineer

Tata Consultancy Services

Client: BT • UKB SAAS CIT

- Co-built the Cucumber BDD automation framework from scratch — covering functional, regression, and sanity test layers.
- Developed automation scripts for user stories and maintained Jenkins CI jobs for scheduled test execution.
- Translated client requirements from design calls into structured test designs aligned to sprint goals.
- Tracked and closed defects end-to-end across multiple application components.



PERSONAL PROJECTS

Test Analytics & Predictive System Portal (TAPS)

Built a full-stack testing intelligence platform that ingests Cucumber JSON reports from CI pipelines and turns raw execution data into a clean, interactive dashboard — pass rates, failure trends, module-level metrics, all in one place.

- Backend powered by FastAPI with async support and a modular service architecture; frontend built with Dash and Plotly for rich, real-time visualisations.
- AI layer does pattern recognition on failures — automated defect categorisation, root cause hints, and predictive stability trends so teams can spot problems before they become release blockers.
- Supports multi-project, multi-module structure with user management, configurable settings, and export capabilities — built to work as a team-wide tool, not just a personal script.
- REST API allows any CI/CD pipeline to push results via a simple curl upload — framework agnostic and exte