

GOVINDARAJAN GOPALAKRISHNAN

QA ANALYST — API Testing, Agile Project Management & Data Analysis

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Professional Summary

QA Analyst with 10+ years of experience in API testing, automation, and Agile project management, delivering high-quality software solutions across different domains. Proficient in Selenium, Postman, TestNG, QTP, and SQL for end-to-end testing, achieving 42% faster regression cycles and 97% defect-free releases. Designed risk-based frameworks, UAT strategies, and automation pipelines, improving sprint efficiency and ensuring 100% requirement traceability.

SKILLS

- **Test Automation Tools:** Selenium, Postman, TestNG, QTP, and SOAP UI for functional, regression, API
- **Database & Data Testing:** SQL and MSSQL for data validation, query optimization, test data creation
- **Test Management & Defect Tracking:** JIRA, TestRail, IBM Rational Jazz, and execution tracking
- **CI/CD & Platforms:** Jenkins for automated pipelines and Salesforce, MS Dynamics CRM, and Power BI
- **Programming & Scripting:** Java and Python for writing test scripts, automation logic, data validation

WORK EXPERIENCE

QA Analyst

Canada Drives

September 2021 – March 2022

British Columbia (Remote)

- Analyzed 50+ Epics, User Stories, technical requirements using traceability matrices, enabling structured test suites covering 100% functional scenarios.
- Guided defect triage for 85+ issues using severity matrices, accelerating resolution cycles by 35% overall across cross-functional engineering teams.
- Authored QA workloads across 12 Agile sprints, aligning capacity planning with delivery metrics, reducing sprint spillovers by 28% using velocity forecasting.
- Executed regression and UAT cycles spanning 14 releases, preventing 97% production defects through structured validation protocols and test baselines.
- Formulated 30+ test cases using Jira and TestRail, ensuring end-to-end requirement traceability with zero execution gaps and audit compliance.

QA Analyst

Brite Systems

January 2015 – December 2020

Indianapolis, USA

- Developed 250+ Selenium automation scripts targeting regression coverage, increasing execution efficiency by 42% overall across enterprise applications.
- Coordinated UAT activities with 18 stakeholders, validating functional outcomes and integrating feedback within sprint backlogs using acceptance criteria.
- Authored 10+ test cases from requirement specifications, achieving complete critical-path coverage with 0 undocumented scenarios through traceability matrices.
- Orchestrated defect triage reviews for 80+ high-severity issues, accelerating developer debugging cycles by 31% using root-cause analysis logs prioritization workflows.
- Designed risk-based regression frameworks across 22 releases, maintaining 99% functional stability post-deployment using coverage matrices dashboards.

Functional Consultant

Preludesys

July 2007 – December 2014

India

- Translated 60+ business workflows into functional test plans for Microsoft Dynamics AX modules using process mapping matrices traceability.
- Integrated automation analytics evaluating system throughput, improving performance benchmarking accuracy by 50% through telemetry dashboards.
- Implemented QTP automation mapped to FRDs, achieving 100% requirement traceability and defect identification accuracy using validation scripts.
- Instructed FIT-GAP assessments across 25 implementations, reducing stakeholder approval cycles by 30% using compliance documentation analysis.
- Validated deployments with development teams, eliminating functional discrepancies before production releases entirely through integration checkpoints.

EDUCATION

Bachelor of Engineering in Metallurgy

Regional Engineering College (NIT), Tiruchirapalli, India

June 1995 – April 2001

CERTIFICATIONS

- **ISTQB Certified Tester & Discover the Art of Prompting**
- **SAFe 5.0 Agilist Certification & Introduction to Artificial Intelligence**
- **Certified ScrumMaster (CSM) & Maximize Productivity with AI Tools**