

RAJESH K

Software Test Engineer | Manual & Automation Testing | SQL · Python · Selenium · REST API
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CAREER OBJECTIVE

MCA fresher (2026) with a hands-on foundation in manual and automation testing across functional, integration, regression, and system testing. Practical experience validating REST APIs and full-stack applications using SQL, Python, and Selenium WebDriver, with solid programming grounding in Java and OOP. Comfortable operating across the SDLC in Agile teams, with a track record of ramping up quickly on new technical domains, demonstrated across three independent full-stack projects. Seeking a Manual & Automation Test Engineer role where I can apply this testing rigor to web application quality assurance, while building hands-on non-functional/load testing skills and aerospace domain knowledge.

TECHNICAL SKILLS

- Testing: Manual Testing, Functional Testing, System Testing, Integration Testing, Regression Testing, Test Case & Test Plan Design, Defect Reporting & Tracking
- Programming & Query Languages: Python, SQL, Java, JavaScript, OOP, DSA, Multithreading
- Automation & API Testing: Selenium WebDriver, REST API Testing (Postman), JUnit, Automation Testing Frameworks, Git, GitHub, VS Code
- Development Exposure: REST APIs, Flask, MVC Architecture, MongoDB, MySQL, HTML5/CSS3
- Concepts & Practices: SDLC, Agile, CI/CD, System Design, Documentation & Reporting

PROJECTS

AI-Based Civic Issue Reporting System *Python · Flask · MongoDB · AI Classification · REST APIs*

- Built and tested a geo-tagged complaint platform across 3 user roles (citizen, admin, authority) with 6+ REST endpoints, performing functional and integration testing across modules.
- Validated an AI classification pipeline through systematic test scenarios using Python, helping reduce admin triaging overhead by 40% — Smart India Hackathon submission.
- Documented test scenarios and bug reports during development to ensure modular, defect-free, horizontally scalable architecture.

FindNearPG — Location-Based Search Platform *Python · Flask · MongoDB Atlas · Google Maps API · JavaScript*

- Performed functional and usability testing on a geospatial PG-finder, verifying geo-indexed REST API queries return results within a 5 km radius in under 2 seconds.
- Tested authentication and contact workflows for correctness and security; conducted UI/responsiveness testing that contributed to a ~35% reduction in mobile bounce rate across 500+ users.

INFIBOLT — E-Commerce Platform *React 18 · TypeScript · Node.js · Express.js · MongoDB · JWT · Tailwind CSS*

- Tested secure REST APIs (JWT auth, Google OAuth, bcrypt, input validation, OTP/email workflows) and verified Stripe payment and Google Maps integrations for functional correctness.
- Conducted regression checks across a monorepo full-stack application before deployment via PM2 on Hostinger, ensuring stability of frontend and backend modules.

EDUCATION

Master of Computer Applications (MCA) 2024 – 2026

Presidency University, Bengaluru · CGPA 9.03 / 10

Bachelor of Computer Applications (BCA) 2021 – 2024

Vidyavahini First Grade College, Tumkur · CGPA 9.02 / 10

CERTIFICATIONS

- Full-Stack Java & Software Testing — QSpiders, Bengaluru (2024)
- Core Java · Selenium WebDriver · SQL · JUnit · Automation Testing Frameworks