

SOWHITHYA S

Quality Analyst | QA Engineer | Available for Part-Time / Freelance

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PROFESSIONAL SUMMARY

Detail-oriented Quality Analyst with 6+ years of experience in Quality Assurance, now seeking a flexible **Part-Time / Freelance** engagement for the Quality Analyst role in Chennai. Proven expertise in manual testing, functional, regression, integration, system, and exploratory testing – exactly as required in your JD. Strong fundamentals in SDLC, STLC, defect lifecycle, test case design, and bug reporting with tools like Jira. Hands-on with API testing (Postman), database validation (MSSQL/MySQL – SELECT, UPDATE, DELETE, complex joins), and basic automation (Selenium + Java + Cucumber – IntelliJ). Experienced in Agile/Scrum, requirement analysis, RTM preparation, and collaborating with developers, BAs, and product teams to ensure high-quality releases. Offering senior-level attention to detail and process discipline on a flexible, part-time basis to support your QA needs without full-time overhead.

WORK EXPERIENCE

Senior Software Analyst (QA Lead) – Available for Part-Time / Freelance Projects

January 2020 – Present

IC&SR; – IIT Madras

Chennai, India

- Relevant to your Key Responsibilities: Understand business requirements, prepare and execute test cases/scenarios/data, and maintain accurate test documentation and RTM.
- Perform functional, regression, integration, system, UI/UX, responsiveness, accessibility, and exploratory testing across 6+ enterprise portals.
- Identify, document, and track defects with clear reproduction steps, screenshots, logs – verify bug fixes and support release validation & production verification.
- Hands-on API testing for TULA central platform integration; Payment gateway (Paytm) testing for ERS portal; LMS integration testing for Staff portal.
- Database validation on MSSQL across 2-3 databases – SELECT, UPDATE, DELETE, complex queries – as listed as an advantage in your JD.
- Collaborate daily with developers, business analysts, and stakeholders; participate in requirement reviews from a quality perspective; drive process improvements.
- Lead and mentor a QA team of 6-7 analysts, standardizing reusable test case templates – bringing leadership discipline even in a part-time capacity.
- Working knowledge of Jira-style bug tracking, Agile/Scrum, and basic automation using IntelliJ + Cucumber + Selenium (Java) – an added advantage for your team.

Key Portals Owned – Demonstrates end-to-end QA ownership relevant to real-world product testing:

- TULA Portal (tula.icsr.in): Core project management platform – full QA lifecycle.
- ERS Portal (ers.iitm.ac.in): Functional Admin role; payment gateway and end-to-end process testing.
- Vendor Registration, Careers, Staff (LMS), IP, RPN portals – end-to-end testing from requirement to sign-off.

Software Test Engineer

July 2019 – December 2019

Resileo Labs

Chennai, India

- Authored and executed test cases for Appedo APM platform (Synthetic Monitoring, Load Testing).
- Developed Selenium (Java) scripts for regression and functional coverage.
- Identified, documented, and tracked bugs; participated in Agile stand-ups and daily reporting.

KEY PROJECTS

Portal / Project	Role	URL
TULA – Project Mgmt Portal	QA Lead / Automation Lead	https://tula.icsr.in
ERS – Expense Reimbursement	Functional Admin & QA Lead	https://ers.iitm.ac.in
Vendor Registration Portal	Lead Coordinator & QA	https://icandsr.iitm.ac.in/vendor
Careers Portal	Lead Coordinator & QA	https://icsrstaff.iitm.ac.in/careers
Staff Portal (LMS Integration)	End-to-End QA Lead	https://icsrstaff.iitm.ac.in
IP & RPN Portals	Lead Coordinator & QA	https://ip.iitm.ac.in / https://rpn.iitm.ac.in

TECHNICAL SKILLS – Mapped to Your Required Skills

Testing Types	Functional, Regression, Integration, System, Exploratory, Manual Testing – Exactly as per JD
Bug Tracking	Jira (and similar), Bug Reporting, Defect Lifecycle, Test Execution
API & DB	API Testing – Postman, Payment Gateway (Paytm), MSSQL/MySQL (SELECT, UPDATE, DELETE, complex queries)
SDLC/STLC	SDLC, STLC, Agile/Scrum, Requirement Analysis, Acceptance Criteria, RTM
Automation (Advantage)	Selenium WebDriver, Cucumber BDD, IntelliJ IDEA, Java – Added advantage for regression
Web Tech	PHP, HTML, CSS, JavaScript, Apache Server
Documentation	Test Case Design, Test Scenarios, Test Data, Quality Reports, BRD/FRD, Process Flow Charts
Soft Skills	Strong Attention to Detail, Analytical & Problem Solving, End-user Perspective, Team Collaboration

EDUCATION & CERTIFICATIONS

Bachelor of Engineering – Computer Science | Dhanalakshmi College of Engineering, Chennai (Anna University) | 2014 – 2018 | CGPA: 7.3 / 10.0

Certifications: ISTQB Foundation Level (Pursuing), Selenium, Agile Scrum – Strong testing fundamentals as per your Preferred Qualifications

WHY PART-TIME / FREELANCE MODEL WORKS FOR YOU

Immediate Value: You get a QA Lead with 6+ years managing 6 live portals for IIT Madras, available part-time to handle your functional, regression, and API testing needs.

Cost-Efficient: No full-time overhead – pay only for productive QA hours, release validations, and bug verifications.

Flexible: Available for remote/hybrid, Chennai-based for on-site meetings, quick turnaround for release support and production verification.

Quality Mindset: Strong attention to detail, end-user perspective, and documentation excellence – the exact traits listed in 'What We Are Looking For'.