Mohammed Parvez

Bengaluru, Karnataka, India | +91-8179815534 | parvez.noor.md@gmail.com | LinkedIn | Portfolio

Professional Summary

Quality Engineer Analyst with 3+ years of enterprise telecom QE experience across Waterfall and Agile delivery models. Combines deep expertise in test design, API and UI automation, and stakeholder-facing quality governance with a growing specialisation in agentic AI — building KIRO-based agents and MCP-integrated workflows that solve real delivery problems. Member of Infosys Transformation & Innovation team. Consistently delivers high-quality, defect-free releases at scale while pushing the boundaries of what quality engineering can do.

Achievements

Infosys Platinum Club — FY 2026–27
Inducted into Infosys's most prestigious recognition tier — awarded annually to the top 1–2% of employees globally for exceptional performance, innovation, and business impact.

Hackathon Winner — IQE CME AI Hackathon (Domain-Centric Category)
Identified a critical operational problem: alarm testing on BT Openreach infrastructure required constant availability of onshore lab SMEs, creating delivery bottlenecks. Designed and built the *Alarm Simulation Application* — an NLP-powered chatbot that lets engineers raise alarms on live telecom devices using natural language commands, removing the SME dependency entirely. Solution recognised by client and approved for production use.

Technical Skills

Languages: Java, JavaScript, SQL, HTML, CSS

Test Automation: Selenium WebDriver (Java), TestNG, Cucumber BDD, Appium (Mobile), Playwright, Rest Assured, Postman

CI/CD & DevOps: GitHub, Maven, Jenkins

Tools & Methodologies: JIRA, Agile/Scrum, Waterfall, Shift-Left Testing

Agentic AI & GenAI: KIRO IDE, Agentic AI, MCP (Playwright MCP, Atlassian MCP), Prompt Engineering, Amazon Q Developer, GitHub Copilot, LLM-assisted Test Design, AI-Powered Test Case Generation

Professional Experience

Quality Engineer Analyst January 2026 – Present
Infosys *Bengaluru, India*

- Dual role spanning core QE delivery on the BT Openreach telecom project (Waterfall) and active membership of Infosys's Transformation & Innovation team, exploring and delivering AI use cases and agentic solutions for day-to-day delivery challenges
- **Test Design & Governance:** Lead end-to-end test design, test plan preparation, and traceability matrix creation through close collaboration with stakeholders, product owners, E2E designers, component designers, and E2E delivery teams; validate acceptance criteria and business requirements for testability prior to story sign-off
- **Test Execution & Reporting:** Execute test cases aligned with test case documents and design documents; showcase test results, defect trends, and release readiness reports to stakeholders in Show & Tell sessions and formal delivery reviews
- **Progressive Automation:** Perform per-story automation feasibility analysis; implement automation scripts for viable functional stories within the existing legacy Selenium framework, with regression maintained by a dedicated automation team
- **KIRO Agentic AI — HLD/LLD Test Design Agent:** Designed and built a KIRO IDE agent that ingests feature stories and automatically generates High-Level Design (HLD) and Low-Level Design (LLD) test case documentation, significantly reducing manual test design effort and accelerating story onboarding
- **KIRO Agentic AI — Auto Code Update Agent (PoC):** Explored and prototyped a KIRO agent capable of detecting new feature stories via Atlassian MCP and automatically updating existing Playwright test scripts to reflect new functionality — demonstrating a fully agentic shift-left automation loop
- **Client-Approved Tool — Network Reconcile:** Built an automated network data reconciliation application that compares network state across systems, reducing manual reconciliation effort and improving data integrity validation for telecom infrastructure

- **Client-Approved Tool — QOrbit:** Architected and delivered a unified test management platform featuring execution tracking, story and defect management, an email-chain defect-raising feature (allowing testers to raise defects directly from mail threads), test design preparation, and separate dashboards for test roles, manager roles, delivery managers, and stakeholders

Software Quality Engineer June 2024 – December 2025
Infosys *Bengaluru, India*

- Architected an end-to-end test automation framework covering 30+ integrated components; developed 400+ automated test scripts across 20+ UI modules using Selenium WebDriver (Java) and TestNG
- Implemented data-driven and parallel execution strategies, reducing manual testing effort by 40% and improving regression cycle speed by 40%
- Increased overall test coverage by 30% through comprehensive API automation using Rest Assured and Postman; validated JSON schemas, contracts, response times, and complex integration flows
- Collaborated with product owners and developers to analyse BRDs, user stories, and technical design documents for risk identification and traceability
- Ensured zero critical production defects across multiple releases through robust regression automation and disciplined release readiness processes
- Leveraged AI-assisted tools (Amazon Q Developer, GitHub Copilot) to generate edge-case scenarios, optimise test scripts, and accelerate test design
- Mentored junior testers on automation best practices, framework usage, and quality engineering mindset

Test Engineer November 2022 – May 2024
Infosys *Bengaluru, India*

- Designed and executed functional, integration, and system test cases for the BT Openreach telecom platform
- Explored mobile automation using Appium and modern web automation using Playwright
- Maintained test documentation, quality standards, and team knowledge base for onboarding and enablement

Education

Maulana Azad National Institute of Technology Bhopal, Madhya Pradesh
Master of Technology — Transportation & Highway Engineering *2020 – 2022*

G. Pulla Reddy Engineering College Kurnool, Andhra Pradesh
Bachelor of Technology — Civil Engineering *2015 – 2019*

Certifications

Generative AI in Software Testing — Rahul Shetty, Udemy *Feb 2025*
Selenium WebDriver with Java — Basics to Advanced + Frameworks — Rahul Shetty, Udemy *Jun 2025*
Rest API Testing (Automation) from Scratch — Rest Assured Java — Rahul Shetty, Udemy *Jul 2025*
The Complete Full-Stack Web Development Bootcamp — Dr. Angela Yu, Udemy *Sep 2026*
Internal Quality Engineering Certifications — Infosys (Automation & Agile Testing)