Ujjwal Kumar Singh
Test Automation Engineer | UI, API & Integration Testing

📞 63923-44397 · ✉ automatealchemist@gmail.com

📍 Gurgaon, India | Open to relocate to Pune   Github

in Linkedin   🌐 Portfolio

QUALITY ANALYST

Test Engineer with ~4 years of experience designing and executing automated and manual tests for web, mobile, and API-based applications. Worked on Python-based Selenium automation using Behave along with Page Object Model, and used C# Selenium automation (NUnit, POM) as part of test automation work. Experienced in requirement analysis, test planning, defect management, and collaborating with development teams to deliver reliable software.

KEY COMPETENCIES

PROGRAMMING & AUTOMATION

- C# (automation fundamentals)
- Python (primary automation language)
- POM , PyTest & Behave (BDD)
- Test automation framework development

Tools & Platforms

- Jira, Git
- Postman, Swagger
- Zephyr Squad, BrowserStack
- Linux (AWS Workspace), macOS Terminal & Windows (Git Bash)

TESTING & QUALITY ENGINEERING

- Test planning & strategy
- Requirement analysis & test case design
- Functional, regression, exploratory testing
- GUI & API testing

AI-Assisted Development & Testing

- Github Copilot
- Chatgpt
- Claude Code
- Cursor

PROFESSIONAL EXPERIENCE

Skeps - SDET   June 2024 - Present

- Designed and executed functional, API, and database test cases for fintech applications integrating merchants and lenders, ensuring reliable data processing.
- Performed API and database validations, conducted white-box testing via pull request reviews, and collaborated with developers to speed up defect resolution.
- Led regression and exploratory testing to identify critical issues prior to production releases.
- Applied C# Selenium automation concepts (NUnit, POM) alongside Python-based automation to strengthen cross-stack test automation capability.

Studiographene - Analyst   March 2023- June 2024

- Created and maintained test plans, test cases, and defect reports while executing functional, API, and database testing for web and mobile applications.
- Conducted a Katalon PoC for end-to-end automation to evaluate regression coverage and reduce manual effort.
- Developed Python-based Selenium automation using the PyTest framework for IoT projects, improving test reliability and execution efficiency.
- Tracked quality KPIs, supported audits, and communicated quality risks and improvements to stakeholders.

Copper Mobile Pvt. Ltd.
Associate Quality Analyst (Trainee ➜ Full-time)   September 2021- February 2023

- Designed and executed functional, integration, regression, compatibility, and responsive test cases for web and mobile applications.
- Performed manual and exploratory testing, logging and tracking defects in Jira and collaborating with developers for timely resolution.
- Conducted API testing using Postman and Swagger to validate backend services and data flows.
- Supported sprint-based releases by validating fixes and executing regression cycles.
- Gained hands-on exposure to C# Selenium automation, implementing basic NUnit test scenarios using Page Object Model to strengthen automation fundamentals.

EDUCATION & CERTIFICATIONS

- **Certified Tester Foundation Level -July 2023**
  ISTQB
- **Master of Science(M.Sc.) - Mathematics -2020**
  Veer Bahadur Singh Purvanchal University , Jaunpur
- **B.Tech.(Hons.) - Computer Science - 2017**
  Lovely Professional University , Jalandhar

AWARDS & RECOGNITION

- **BrowserStack Automation Hackathon - July 2025**
  Delhi NCR Zone
- **Beyond Call of Duty Award - October 2022**
  Copper Mobile Pvt. Ltd.
- **Best QA Master Excellency Award - January 2022**
  Copper Mobile Pvt. Ltd.