

Ujjwal Kumar Singh

SDET | Python | Selenium | API & Automation Testing

Gurgaon, India • Open to Relocate | Email | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

QA/SDET professional with 4.6 years of experience specializing in test automation, API validation, and quality engineering for web and mobile applications. Proven expertise in building Selenium-Python automation frameworks (PyTest, Behave BDD, POM) and implementing CI/CD pipelines via Jenkins and Docker to accelerate sprint releases and minimize defect leakage.

KEY COMPETENCIES

Programming & Automation:	Python (Primary), Selenium, PyTest, Behave (BDD), Page Object Model (POM), Framework Development
Testing & Quality:	API Validation, Functional, Regression, Exploratory, Integration, Compatibility, Test Planning & Strategy
CI/CD & Infrastructure:	Jenkins, Docker, Git, Linux (AWS Workspace), macOS Terminal, Windows (Git Bash)
Tools & Platforms:	Jira, Postman, Swagger, Zephyr Squad, BrowserStack
AI-Assisted Engineering:	GitHub Copilot, ChatGPT, Claude Code, Cursor

PROFESSIONAL EXPERIENCE

SDET Skeps	June 2024 - Present
- Designed and executed functional and API test scenarios for fintech applications, ensuring seamless merchant and lender integrations. - Performed comprehensive API and database validations, reviewed pull requests, and collaborated with developers to accelerate defect resolution and enhance release stability. - Spearheaded regression and exploratory testing cycles to mitigate production risks ahead of major deployments. - Developed and scaled Selenium-Python automation suites utilizing PyTest and reusable Page Object Model (POM) architecture, cutting manual overhead across test cycles. - Continuously maintained and enhanced automated test suites to adapt to evolving product features and rigorous business requirements.	
Analyst Studiographene	March 2023 - June 2024
- Authored and maintained comprehensive test plans, test cases, and defect logs while driving functional, API, and database testing for web and mobile products. - Executed backend data verification and API validation, collaborating cross-functionally to triage defects and secure stable sprint releases. - Engineered Selenium automation scripts via Python and PyTest for IoT-based applications and successfully executed a Katalon Proof of Concept (PoC) for end-to-end regression automation. - Tracked core quality metrics, supported audit protocols, and presented actionable risk and status updates to project stakeholders.	
Associate Quality Analyst (Trainee) Copper Mobile Pvt. Ltd.	September 2021 - February 2023
- Executed functional, integration, regression, compatibility, and responsive test suites for diverse web and mobile application releases. - Conducted manual, exploratory, and API testing using Postman and Swagger, tracking and resolving defects efficiently through Jira. - Supported rapid sprint cadences by validating bug fixes and ensuring cross-release application stability. - Built foundational Selenium automation scripts with Python, PyTest, and POM to expand automated regression coverage.	

EDUCATION, CERTIFICATIONS & AWARDS

Certified Tester Foundation Level (ISTQB) — July 2023	BrowserStack Automation Hackathon — Delhi NCR Zone (July 2025)
B.Tech. (Hons.) in Computer Science — LPU, Jalandhar (2017)	Beyond Call of Duty Award — Copper Mobile (October 2022)
M.Sc. in Mathematics — VBSPU, Jaunpur (2020)	Best QA Master Excellency Award — Copper Mobile (January 2022)