

SIDDHARTHA UPADHYAY

Senior QA Engineer | Test Automation | API Testing | AI-Driven Testing | Finance Domain

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PROFESSIONAL SUMMARY

Results-driven QA Engineer with 6+ years of experience in test automation, API testing, and quality assurance in Finance domain. Currently managing 15+ critical features as sole QA owner. Intermediate proficiency in leveraging Generative AI (GitHub Copilot, VS Code) for AI-assisted test automation script development, test strategy optimization, and intelligent test case generation. Proven ability to reduce test execution time by 40% and maintain zero critical defect escapes. Proficient in Selenium, API testing (Postman, Newman, Bruno), JMeter, and Java-based automation frameworks.

PROFESSIONAL EXPERIENCE

Senior Associate – QA | Cognizant, Hyderabad | Aug 2023 – Present

- Manage comprehensive testing for 15+ critical features in Finance domain from planning to release
- Execute API testing using Postman, Newman, and Bruno frameworks with full test coverage
- Leverage GitHub Copilot and Generative AI for AI-assisted test automation development, test strategy optimization, and intelligent test case generation
- Lead performance testing with JMeter integrated into Jenkins CI/CD pipeline

Quality Test Analyst | Accenture, Gurugram | Jul 2021 – Jun 2023

- Achieved 40% reduction in test execution time through Selenium framework optimization and code refactoring
- Developed and maintained automated test suites for Selenium framework with Page Object Model architecture
- Performed API testing and performance testing for 15+ features with client stakeholder approval for framework enhancements

Test Engineer | Infosys, Hyderabad | Jan 2018 – Jul 2021

- Developed test automation using Java, TestNG, Page Object Model, and Cucumber for Behavior-Driven Development
- Executed automated test suites through Jenkins CI/CD pipelines and authored 1,500+ manual test cases
- Delivered mobile application for PSU client two months ahead of schedule with consistent 7+ story points per sprint

TECHNICAL SKILLS

Test Automation: Selenium WebDriver | TestNG | Page Object Model | Cucumber BDD | Java

API & Performance Testing: Postman | Newman | Bruno | JMeter | Load Testing | Allure Reports

DevOps & CI/CD: Jenkins Pipeline | Git | Maven | Continuous Integration

AI & Generative AI Tools: GitHub Copilot | Generative AI for Test Strategy | AI-Assisted Test Case Generation | VS Code with AI Extensions | Machine Learning-Informed Testing | Predictive Test Coverage Analysis

Testing Methodologies: Functional | Regression | Smoke | Sanity | Performance | Accessibility | End-to-End Testing | AI-Enhanced Testing

Domain & Tools: Finance Domain | Core Banking | Fraud Detection | SQL | JIRA | Elasticsearch Log Analysis

Professional Skills: Agile/Scrum | Stakeholder Communication | Team Leadership | Process Improvement

EDUCATION

Bachelor of Technology, Information Technology | VIT (Vellore Institute of Technology), Vellore

Graduated: January 2018