

SIBBALA POOJITHA

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TECHNICAL SKILLS

Languages: Java, SQL

Automation & Testing: Selenium WebDriver, TestNG, RestAssured, Postman, JUnit

Frameworks: Page Object Model (POM), Hybrid Framework, Data-Driven Testing

CI/CD & Tools: Jenkins, Maven, Git, GitHub

Testing Types: Functional, Regression, API, End-to-End, Smoke, Sanity, Cross-Browser

Methodologies: Agile/Scrum, SDLC, STLC

Tools & Platforms: JIRA, Rally, SQL Server, Chrome DevTools

PROFESSIONAL EXPERIENCE

QA Automation Engineer (SDET)

06/2023 – Present | Hyderabad, India

HCL Technologies

- Engineered and maintained Hybrid + POM automation framework using Selenium WebDriver, Java, and TestNG, automating 150+ regression test cases and reducing maintenance overhead by 30–35%
- Designed scalable test architecture with reusable components, dynamic XPath strategies, and custom wait utilities, improving script stability by 40% across multiple browser environments
- Validated 40+ REST API endpoints using Postman and Rest Assured, ensuring comprehensive coverage of status codes, headers, and JSON response schemas for critical business workflows
- Performed SQL backend validation across 25+ database tables to verify data integrity and consistency between UI, API, and database layers
- Integrated automation suites with Jenkins CI/CD pipelines, executing 2–3 regression cycles per sprint and reducing execution time by 30%, enabling faster feedback loops
- Participated in Agile ceremonies including sprint planning, daily standups, and retrospectives, analyzing 20+ user stories per release for testability and acceptance criteria validation
- Identified, logged, and tracked 100+ defects using JIRA and Rally, collaborating cross-functionally with development teams to resolve issues and improve code quality
- Conducted post-deployment sanity testing for production releases, ensuring zero critical defects in live environments

Graduate Trainee Engineer (QA Automation)

11/2022 – 05/2023 | Noida, India

HCL Technologies

- Developed automation scripts using Selenium WebDriver with Java and TestNG, supporting framework creation with Maven and reusable component libraries
- Executed comprehensive functional, UI, smoke, and browser compatibility testing across multiple test cycles, creating detailed test scenarios, test cases, and RTM documentation
- Performed API validation using Postman, verifying headers, payloads, and status codes for backend microservices
- Contributed to increasing test coverage by 25% and identifying high-risk areas early through thorough requirement analysis
- Participated in Agile ceremonies including sprint grooming, daily standups, and retrospectives, ensuring timely delivery of quality software

KEY PROJECTS

ExamOne Portal – Enterprise Healthcare Application

Selenium, Java, TestNG, Jenkins, SQL

- Developed end-to-end automation framework for large-scale appointment scheduling and document management system serving enterprise healthcare clients
- Automated critical user workflows including appointment booking, report generation, user onboarding, and document access with 95%+ pass rate
- Implemented robust API test automation to validate backend microservices independently, ensuring service reliability before UI deployment
- Optimized test execution strategy using parallel execution and efficient test data management, achieving 30% faster regression cycles
- Collaborated with developers to establish testing best practices and code review standards, improving overall team code quality

CERTIFICATIONS

ISTQB Certified Tester – International Software Testing Qualifications Board

GitHub Copilot – AI-Assisted Programming

Generative AI Prompt Engineering

EDUCATION

Madanapalle Institute of Technology & Science

06/2019 – 07/2022 | Madanapalle, India

Bachelor of Technology in Electrical and Electronics Engineering – 80%