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GitHub: github.com/Koushikvs8

QA TEST ENGINEER | MANUAL TESTING | AUTOMATION TESTING

SUMMARY

- **Detail-oriented Manual and Automation Test Engineer /QA Test Engineer** with **3.5 years** of experience in **software testing**, specializing in designing comprehensive **manual** test cases and **developing** robust **automated** test scripts using **Selenium** and **Java** with **TestNG** and **Cucumber** frameworks.
- **Proficient** in **tracking** and **managing bugs** using Jira and well-versed in **SDLC** and **STLC** processes. Having knowledge of API testing and hands-on experience in **Agile methodologies**.
- **Experienced** in using **Git/GitHub** for version control and **Jenkins/AWS** for continuous integration.
- **Collaborative** team player with strong **problem-solving** abilities and a dedication to delivering high-quality software solutions.

SKILLS

- **Testing Types:** Manual Testing, Automated Testing, Regression Testing, Functional Testing, UAT, Smoke Testing.
- **Testing Tools:** Selenium WebDriver with TestNG / Cucumber.
- **Build Tools:** Maven
- **Development Methodologies:** Agile /Scrum
- **Programming Languages:** Core Java
- **Other Skills and Tools:** Test Case Design, Test Script Development, Bug Tracking (JIRA), Cross-Browser Testing, OOP, Git, GitHub, CI/CD (Jenkin, AWS), POM, DDT, and BDD, API Testing, Design Pattern.

EXPERIENCE

Artech L.L.C. Bangalore

MAR 2025 To NOV 2025

QA Engineer 1 (Manual+ Automation) at **Amazon**

Project: Ring security devices — **Domain:** E-commerce (IOT)

- **Designed manual test cases** for new features and enhancements, ensuring quality before QA sign-off.
- **Tracked** and monitored **defects/bugs** throughout the sprint, ensuring timely resolution and smooth release flow.
- Supported **production sanity, regression, and user story testing** during release cycles across global markets.
- **Maintained**, enhanced, and developed **automation scripts** using Selenium WebDriver, Java, and TestNG.
- **Triggered** and monitored **AWS build pipelines**, ensuring smooth automation execution and reporting.
- **Fixed** and optimized scripts for new UI updates, improving **framework stability** and reducing maintenance efforts.
- **Refactored sanity scripts**, expanding market coverage from 30% to 70% and improving validation accuracy.
- Improved **regression pipeline utilization** from 60% to 100%, enhancing efficiency and test coverage.
- **Leveraged AI-assisted testing tools**, including **Amazon Q** and **MCP Server**, for task automation, code optimization, and BRD analysis.
- **Collaborated** with cross-functional teams and participated in **Agile ceremonies** for continuous QA improvement.

Tata Consultancy Services, Bangalore
QA test Engineer (Manual+ Automation)

DEC 2021 To JUN 2024

Project 2: Salesforce — Domain: CRM and E-commerce. —

JAN 2023 To JUN 2024

- **Performed** end-to-end manual testing for custom objects, workflows, and user stories.
- **Designed** and executed test cases for enhancements and regression testing.
- **Developed** automation scripts using **Selenium WebDriver, Java, and Cucumber (BDD Hybrid Framework)**.
- **Enhanced** the framework by adding test methods, utility functions, and page object elements.
- Collaborated with developers and business analysts to review and validate test cases.
- Logged and tracked defects using **JIRA** and participated in daily stand-ups and sprint reviews.
- **Conducted** demo sessions with the BA and development team before QA sign-off.

Project 1: Nielsen Measurements —Domain: Media and Measurement domain (IOT). — DEC 2021 To JAN 2023

- **Designed** and executed manual test cases for functional requirements.
- Developed and maintained automation scripts using **Selenium, Java, and TestNG** (Hybrid Framework).
- Implemented Page Object Model (**POM**) for better script maintenance and scalability.
- **Improved** test coverage by **20%** and reduced redundant test cases by **10%**.
- **Collaborated** with cross-functional teams to ensure complete test coverage.
- Reported and tracked defects using **JIRA** and ensured timely resolutions.
- **Participated** in daily stand-ups, sprint reviews, and regression testing cycles.

PERSONAL PROJECTS

Web Application Automation Framework (GitHub: github.com/Koushikvs8)

- **Developed** a complete automation framework from scratch using Selenium, Java, **TestNG**, and Maven, implementing **POM**, **DDT**, and design patterns for improved maintainability and scalability. [Project Link](#).

ACHIEVEMENTS

Star of the month award (May 2025)

- Received recognition for contributions in integration testing, ensuring smooth system performance. Appreciated for supporting the frontend BELEM migration across multiple locales and making suitable changes to automation scripts for optimization.

CERTIFICATIONS

Cucumber BDD with Java– Udemy

<https://www.udemy.com/certificate/UC-a60ef670-89ce-48ba-929d-b7be460a0946/>

[Learn Cucumber BDD with Java-Masterclass Selenium Framework] View Certificate

EDUCATION

Jain Institute of Technology, Davanagere, Karnataka,

Bachelor of Mechanical Engineering, 2017 – 2021

CGPA: 8.1