SRUJANA TEKALE

Software QA Engineer

Sunnyvale, CA | (840)-877-1514 | tekalesrujana@gmail.com | linkedin.com/in/srujanatekale |
srujanatekale.github.io/Srujanatekale

PROFESSIONAL SUMMARY

Detail-oriented **Software QA Engineer** with **4 years of experience** in **manual and automated testing** of web applications. Completed a rigorous **7-month Software Testing program** at **NeoTech Academy** (800+ hours). **Former Developer turned QA**, offering a full **SDLC** and **STLC** perspective.

Hands-on experience at **Paycom** as a **QA Engineer Intern**, working in **Agile/Scrum teams** to design and execute **test cases**, report **defects** in **JIRA**, and validate functionality using **Selenium WebDriver**, **JUnit**, **TestNG**, and **Postman**. Proficient in **SQL**, **Git**, **Jenkins**, and **CI/CD pipelines**. Strong in **regression**, **functional**, and **API testing**, with proven ability to catch critical bugs and ensure **high-quality software delivery**.

Currently expanding skill set through a **Generative AI & AI Agents for Software Testing** certification, focusing on **AI-driven test generation**, **autonomous testing agents**, and **prompt engineering** to enhance automation and exploratory testing strategies.

TOOLS & SKILLS

- **Languages:** Java, SQL, HTML5, Gherkin, JavaScript
- **Testing Tools:** Selenium WebDriver, Cucumber, TestNG, Postman, RESTful API, Selenium Grid
- **Frameworks:** Cucumber, JUnit, Page-Object-Model (POM), Behavior-Driven Development (BDD)
- **Test Management:** JIRA
- **Build Tool:** Maven
- **APIs:** RESTful API, Postman, REST Assured, Spring Boot
- **Databases:** MySQL, JDBC
- **Deployment:** Git, GitHub
- **CI/CD Tool:** Jenkins
- **IDE:** Eclipse,intellij
- **Methodologies:** Agile (Scrum)

PROFESSIONAL EXPERIENCE

Paycom | QA Engineer Intern   Oklahoma City, OK | March 2024 - Present
- Collaborated with developers, DevOps, and cross-functional teams to validate bug fixes and track defects using **JIRA**.
- Executed 100+ **manual test cases** for Paycom's web-based HR and payroll software using **Selenium WebDriver** and **JUnit**, achieving **95% test coverage** and high functionality accuracy.
- Participated in daily **Agile/Scrum stand-ups**, contributing to sprint planning, progress updates, and blocker resolution.
- Designed and updated detailed **test plans** and **test cases** based on business requirements, increasing test coverage and traceability.
- Assisted in integrating automated tests into **CI/CD pipelines** using **Git** and **Jenkins**, supporting faster regression cycles.
- Performed **API testing** with **Postman**, validating RESTful endpoints and ensuring reliable back-end functionality.
- Contributed to **defect triage meetings**, helping prioritize and troubleshoot high-impact bugs for timely resolution.

BDT Auto-Mech | Developer & QA Engineer | Intern: May 2019 – April 2020 | Full-Time: May 2020 – July 2022
BDT Technologies was an innovative e-commerce platform specializing in custom-built automation solutions for industrial processes using PLCs and sensors. **Started as a Developer & Tester Intern,** working on front-end development and QA tasks; **transitioned to a full-time QA Engineer**.

- **Developed and executed test plans** using **TestNG** and **Cucumber** to validate the functionality and user experience of the BDT Technologies website

- **Automated 1,400+ test cases**, improving regression efficiency by **35%** and enhancing the reliability of industrial automation processes.

- **Tracked and resolved defects** with **JIRA**, collaborating with the development team to ensure high-quality releases.

- **Built and optimized automation scripts** using **Selenium WebDriver** to automate repetitive testing tasks, reducing manual testing effort.

- **Performed back-end testing** with **JDBC** and **MySQL** to validate product data integrity, ensuring correct pricing and availability of information on the website.

- **Executed smoke and regression** tests using **Jenkins** to ensure stable website functionality before each release, enhancing the customer experience.

- Performed **cross-browser testing** on Windows using Eclipse IDE, ensuring consistent functionality across browsers.

- **Collaborated with cross-functional teams** ensured seamless integration of new features, delivering high-quality updates on time.

Kelvin Trade | Software Developer & QA Intern | Jan 2019 – July 2019
Kelvin Trade is an ISO-9001-2015 certified company with over 29 years of expertise in Switching & Sensing Technology, Motion Technology, Pneumatics, Hydraulics, Automation, Process Control, and Electrical Motion Systems.

- Contributed to the end-to-end **development and testing** of Kelvin Trade's **e-commerce website,** which supported 100+ industrial product categories.

- Developed web pages using **HTML, CSS, JavaScript, and SQL,** improving product visibility and navigation.

- Built and executed 100+ **test cases** using **Selenium WebDriver** and **TestNG**, increasing test coverage by 60%.

- Performed **manual testing** and UI validation for product listings, cart flow, and backend inventory systems.

- Validated data integrity using **SQL queries**, ensuring accurate display and functioning of product details.

- Recommended **UX improvements** that enhanced site load speed and mobile responsiveness, improving retention by 15%.

PROJECTS
Project 1: Orange HRM – Human Resource Management Application
A Human Resource Management tool built for automating and managing employee data.

- Engaged in **Agile Scrum** Ceremonies such as Sprint Planning and Daily Standups to adopt Agile methodologies effectively.

- **Developed and executed 100+ automation scripts** in a Behavior-Driven Development (BDD) framework using **Cucumber** and **Selenium WebDriver**, covering critical user flows and reducing manual testing efforts by 50%.

- **Integrated automated test execution** into the **Jenkins CI/CD pipeline**, ensuring seamless deployment and rapid feedback on test results, reducing regression testing time by 30%.

- **Crafted detailed test scripts** based on Gherkin syntax, enhancing communication between technical and non-technical stakeholders and aligning testing with business requirements.

- **Enhanced test data accuracy** by utilizing **data validation tools** to automate test case execution from spreadsheet files, improving data handling efficiency.

- **Performed database validation** using **SQL** and **JDBC**, ensuring the integrity of HR data and optimizing data retrieval processes for better performance

Project 2: SIS – Student Information System Application
A centralized application for managing student academic records, registration, and reporting.

- **Automated 200+ regression test cases** using **Selenium WebDriver** and **Java**, covering core functionalities and ensuring consistent quality across software updates.

- Conducted **API testing with Postman and REST-Assured**, validating integration points and ensuring smooth data exchange between front-end and back-end systems.

- **Executed database testing** through **SQL queries** to ensure proper CRUD operations and data accuracy within the **MySQL** database, reducing error rates by 25%.

- **Refined test automation scripts** to reduce execution time by 35%, improving test cycle efficiency and accelerating the feedback loop during development sprints.

- **Integrated test management** using **JIRA**, improving defect tracking and communication between cross-functional teams, contributing to faster issue resolution.

- **Leveraged version control with Git** and **GitHub** for effective collaboration, ensuring code quality and consistency across the development team.

EDUCATION

Software Testing Bootcamp | NeoTech Academy | Mar 2025
Masters in Computer Science | California State University | San Bernardino, CA | Dec 2024
Bachelor of Engineering in Computer Science | RRCE, Bangalore | Jun 2021

CERTIFICATION

Generative AI & AI Agents for Software Testing Udemy | In Progress – Expected June 2025
Covers AI-driven test case generation, autonomous testing agents, prompt engineering, and the use of Generative AI to enhance automation frameworks and exploratory testing.
Selenium WebDriver with Java -Basics to Advanced plus Frameworks | Udemy | Feb 2025