JAI SUBESSH RAM MANAVALAN

jaisubesshram@gmail.com • +91 93442 44484 • linkedin.com/in/jai-subessh-ram-m

PROFESSIONAL SUMMARY

Detail-oriented Senior Quality Assurance Engineer with **4+ years** of experience in test strategy development, automation frameworks, and end-to-end API/UI testing. Proven track record of leading quality initiatives across the SDLC with a strong focus on technical execution and product reliability. Experienced Scrum Master with hands-on expertise in AI-powered testing solutions.

SKILLS AND COMPETENCIES

- **Programming & Scripting:** Python, Java, SQL
- **Automation Tools:** Selenium, REST Assured, TestNG, Pytest, Postman
- **Performance & Monitoring Tools:** JMeter, SeedTest, Sauce Labs, Insomnia
- **Version Control & CI/CD:** Git, GitHub, Jenkins, Docker
- **Test Management & Monitoring:** TestRail, Phabricator, Sentry
- **Data Tools & Databases:** MySQL, Pandas, Excel (Advanced), Google Sheets
- **AI & LLM Tools:** GPT-4, Claude, LangChain, LangGraph
- **Practices:** Agile Methodologies, Scrum Master Experience, Stakeholder Communication

PROFESSIONAL EXPERIENCE

SENIOR QUALITY ASSURANCE ENGINEER-1, ZoomRx   *Oct 2024 – Present*

- **Project:** Synapse (Analytical Tool)
  - **Migration Leadership:** Led seamless migration of Synapse automation from Phabricator to GitHub by collaborating with all feature owners.
  - **Enhanced CI/CD Integration:** Integrated test automation into CI/CD pipelines, enabling continuous testing and faster feedback loops.
  - **Pipeline Maintenance:** Supervised automation cron jobs and optimized regression test email notifications through Jenkins pipelines.
  - **Regression Issue Coordination:** Collaborated with feature owners to promptly identify and resolve regression failures.
  - **Cross-Team Collaboration:** Partnered with Product Managers and Developers in early SDLC phases to align on requirements and design.
- **Project:** Ferma Agents Data Portal (Data Management Portal)
  - **QA Ownership:** Onboarded as the first QA for the project and performed end-to-end manual testing, created detailed test cases, and maintained comprehensive test documentation.
  - **Automated Regression Testing:** Automated 300+ test cases, reducing manual effort by 60%.
  - **Conducted Performance Testing:** Optimized API performance under peak loads using JMeter.
  - **Data Processing:** Built data extraction scripts in Python to retrieve and process financial data from SEC records, aiding downstream analysis for pharma clients

QUALITY ASSURANCE ENGINEER-2, ZoomRx   *Oct 2022 – Sep 2024*

- **Developed Scalable API Automation Framework:** Built a generic framework using Java, REST Assured, and TestNG, achieving 90% automation coverage and reducing manual testing by 80%.
- **Automated Large-Scale Test Cases:** Automated 1,500+ test cases, significantly improving regression testing efficiency.
- **Test Case Optimization:** Created compact and effective API test collections for Darwin reports, reducing test cases from 1000 to 80 while maintaining 100% coverage.
- **STLC Workflow Ownership:** Designed and implemented the Software Testing Life Cycle (STLC) workflow for Synapse automation development, ensuring adherence to a structured and streamlined QA process across the team.
- **Agile Leadership:** Acted as Scrum Master for multiple sprints, managed a team of 5 engineers, and led Agile ceremonies including sprint planning and retrospectives.
- **Stability Upgrade Testing:** Led QA efforts for the Synapse Stability Upgrade, executing rapid and extensive validation of key features.

QUALITY ASSURANCE ENGINEER-1, ZoomRx   *Jul 2021 – Sep 2022*

- **Performance Debrief Portal (PPD):** Led end-to-end testing of PPD, an internal tool for employee reviews and ratings, ensuring data accuracy and system reliability.
- **Mobile Responsiveness:** Verified responsive design across devices, enhancing usability and consistency.
- **Cross-Browser Compatibility:** Performed browser compatibility testing using SeedTest and Sauce Labs to ensure uniform UI/UX across platforms.

QUALITY ASSURANCE ENGINEERING INTERN, ZoomRx   *Jan 2021 – Jun 2021*

- **Hands-on experience:** Software testing fundamentals, SDLC processes, and Test documentation.
- **Manual Testing for Market Research Products:** Tested core functionalities of survey platforms, identifying and documenting defects.
- **Performed Gray-Box Testing:** Tested web and app platforms for functional stability, identifying critical defects.

AWARDS AND RECOGNITIONS

- **Exemplary Performer :** Acknowledged for proactive test design and automation in parallel with development, enabling a timely release of Landscape Feature.
- **Appreciations :** Recognized for going above and beyond during critical release cycles, ensuring timely completion of Landscape testing.

EDUCATION

B.E. in Electronics and Communication Engineering   CGPA: 8.45/10.0
Velammal College of Engineering and Technology   2017 – 2021