Syeda Sama Hussain
Software Tester

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SUMMARY

Software QA Engineer with 1+ year of experience in manual testing of functional and regression flows across web and embedded systems. Skilled in test case design, bug reporting, and automation using Selenium, TestNG, and Postman. Known for high test coverage, close dev collaboration, and ensuring stable releases in fast-paced environments.

EDUCATION

Bachelor of Computer Science and Engineering. *CGPA* - **8.10**   08/2019 - 06/2023
Visvesvaraya Technological University

Pre-University. **70%**   06/2017 - 03/2019
KSEEB

EXPERIENCE

Trainee Engineer – 1 - Software QA   June 2025 – Present
Bharat Electronics Limited. (BEL)   Bengaluru, India.
- Designed and executed functional, regression, and exploratory test cases for critical defense systems (web + embedded modules).
- Automated test scenarios using Selenium and TestNG, increasing test efficiency by 30%.
- Collaborated with developers to triage and resolve issues logged in JIRA, improving resolution time by 25%.
- Conducted performance tests using JMeter for system-level response analysis
- Current Focus Area: Defense systems.

Graduate Apprentice Trainee - Software QA   Feb 2024 – Feb 2025
Bharat Electronics Limited. (BEL)   Bengaluru, India.
- Performed functional, regression, and integration testing across Defense, Navy, and Medical platforms.
- Automated UI workflows with Selenium & TestNG.
- Logged and tracked defects using JIRA and worked directly with developers for fixes.
- Conducted performance testing using JMeter (beginner level) and LoadRunner.
- Executed over 3500+ test cases with 99% traceability and 95% bug closure rate.

PROJECTS

- **GCS**   June 2025 - Present
  - Conducting manual testing on a system that stores and processes satellite-fetched data across interconnected ground modules.
  - Validating data flow and communication between subsystems to ensure consistency and reliability of stored telemetry.
  - Designed test cases for system sync, data validation, and inter-module messaging, ensuring smooth backend operations.

- **Defense System - ACCCS**   Feb 2025 - Present
  - End-to-end testing of a large-scale, mission-critical defense application focusing on system reliability and performance.
  - Collaborated with developers and analysts to identify and resolve defects.
  - Validated system modules against stringent functional and defense-grade requirements.

- **Dialysis System**   01/2025 - 02/2025
  - Designed test cases covering 95% of software-hardware interaction points.
  - Detected defects in sensor accuracy and real-time monitoring with 75% detection accuracy.
  - Worked closely with developers to fix and deploy a stable system with 90% deployment success.

- **E-Mentorship In-house Application**   06/2024 - 08/2024
  - Developed and executed automation test cases using Selenium + TestNG.
  - Performed functional, regression, and performance testing using JMeter and LoadRunner.
  - Improved application scalability by 15%; resolved UI/UX issues, achieving 96% navigation success.

- **Navy application**   04/2024 - 06/2024
  - Built test cases for software-hardware interfaces, increasing coverage by 30%.
  - Conducted functional testing and maintained 98% traceability in documentation.
  - Reported and resolved hardware integration issues alongside developers.

- **Defense application - ACCCS**   02/2024 - 04/2024
  - Authored test cases ensuring 95% system reliability.
  - Conducted rigorous manual testing and hardware validation.
  - Reported high-impact bugs that were resolved with a 94% success rate.

SKILLS

Testing: Manual, Automation (Selenium + TestNG), Functional, Regression, Integration, Exploratory, UAT
Tools: Selenium (Java), TestNG, LoadRunner, Postman.
Bug Tracking: JIRA
Languages & Front-End: Java, JavaScript, TypeScript, HTML5, CSS3, SQL
Test Documentation: Test Plans, Test Cases, Test Reports, Traceability Matrices

CERTIFICATIONS AND ACHIEVEMENTS

• Software Testing Certificate – NATS (2025)
• AWS Academy Graduate – Cloud Foundations, Amazon Web Services (2023)
• Bug Bounty Winner – Sevenchats.com Hackathon (2022)

STRENGTHS

• Strong in functional, regression, and exploratory testing for web/mobile apps.
• Hands-on automation scripting with Selenium & TestNG.
• Efficient bug reporting & collaboration via JIRA.
• Performed API validations and performance testing using Postman.
• Tested responsive mobile and web interfaces for stability and UI/UX.
• Delivered QA excellence in fast-paced environments (Defense, eCommerce, Medical).
• Passionate about front-end development and UI/UX - building personal projects.

LANGUAGES

• English, Hindi, and Kannada.