

Syeda Sama Hussain

Software Engineer

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[Portfolio](#)

Bengaluru, India

PROFESSIONAL SUMMARY

Versatile Software QA Engineer & Front-End Developer skilled in manual & automation testing and building responsive UIs. Delivered reliable solutions across different domains with a strong focus on quality, usability, and team collaboration.

EDUCATION

Bachelor of Computer Science and Engineering. <i>CGPA - 8.10</i>	08/2019 - 06/2023
Visvesvaraya Technological University	
Pre-University. <i>70%</i>	06/2017 - 03/2019
KSEEB	

EXPERIENCE

Trainee Software Engineer	02/2024 – 02/2025
Bharat Electronics Limited. (BEL)	Bengaluru, India.
<ul style="list-style-type: none">Designed and executed over 3000+ manual test cases across 9 major projects, achieving 99% requirement traceability.Identified and reported critical defects early, reducing project timelines by 15% and improving QA efficiency by 20%.Mastered additional frameworks and tools, expanding technical knowledge by 40% beyond project requirements.Domains covered: Defense (4), Navy (1), Medical (2), Web apps (2).	
Full Stack Web Developer - Intern	08/2022 - 09/2022
ICSolutions	Bengaluru, India.
<ul style="list-style-type: none">Orchestrated a team of 3 interns, leading to a 20% boost in team efficiency and 10% faster project delivery for the Event Scheduler System.Executed a user-friendly design that improved scheduling efficiency by 25% and increased user satisfaction by 15%.	

SKILLS

Testing:	Manual Testing, Automation Testing, Test Case Design, Functional Testing, Regression Testing, Integration Testing, UAT
Tools:	Selenium WebDriver (Java), JUnit, LoadRunner, Bugzilla, JMeter (Beginner), Figma
Languages & Front-End:	Java, JavaScript, TypeScript, HTML5, CSS3, SQL
Frameworks/Libraries:	React.js, Next.js, Tailwind CSS, Firebase
Test Documentation:	Test Plans, Test Cases, Test Reports, Traceability Matrices

PROJECTS

Portfolio Website	<i>present</i>
<ul style="list-style-type: none">Designed and developed a modern personal portfolio to showcase projects and skills. Mobile-friendly layout with smooth scrolling and section-based nav.	
Dialysis System	01/2024 - 02/2025
<ul style="list-style-type: none">Achieved 95% test coverage for software-hardware interactions; identified sensor inaccuracies with a 75% detection rate.Collaborated with developers to fix critical bugs, leading to a 90% successful deployment rate.	
E-Mentorship Application	06/2024 - 08/2024
<ul style="list-style-type: none">Automated key functional tests using Selenium, reducing manual test load by 30%Performed load testing with LoadRunner; improved scalability by 15%.Conducted UI/UX validation for smooth navigation (96% success rate).	
Navy application	04/2024 - 06/2024
<ul style="list-style-type: none">Ensured 95% pre-deployment defect detection in integration testing.Maintained traceable documentation, enabling seamless QA handoffs.	
Defence application	02/2024 - 04/2024
<ul style="list-style-type: none">Drafted detailed test cases for software and hardware integration, maintaining 95% system reliability.Validated system interactions, boosting hardware-software integration reliability by 20%.	
Event Scheduling Website	08/2022 - 09/2022
<ul style="list-style-type: none">Built a responsive event scheduling website that lets users create and manage events.Implemented interactive calendar views, local storage persistence, and user-friendly UI.	

CERTIFICATIONS AND ACHIEVEMENTS

- Java Certification – Udemy (Ongoing)
- NATS Certificate (2025)
- AWS Academy Graduate – Cloud Foundations, Amazon Web Services (2023)
- Bug Bounty Challenge Winner – Sevenchats.com Hackathon (2022)

STRENGTHS

- Efficient communicator who ensured 99% issue resolution across QA projects.
- Documented traceable test cases, reducing onboarding time by 40% and improving handover clarity.
- Built responsive, user-centric UIs focusing on accessibility, adaptability, and functional optimization across devices.

LANGUAGES

- English | Hindi | Kannada.