

PROFESSIONAL SUMMARY

Versatile Software QA Engineer & Front-End Developer skilled in manual & automation testing (Selenium + Java) and building responsive UIs (React, Next.js, Tailwind). 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

<b>Trainee Software Engineer</b>	02/2024 – 02/2025
Bharat Electronics Limited. (BEL)	Bengaluru, India.
<ul style="list-style-type: none"><li>Designed and executed over 3000+ manual test cases across 9 major projects, achieving 99% requirement traceability.</li><li>Identified and reported critical defects early, reducing project timelines by 15% and improving QA efficiency by 20%.</li><li>Mastered additional frameworks and tools, expanding technical knowledge by 40% beyond project requirements.</li><li>Domains covered: Defense (4), Navy (1), Medical (2), Web apps (2).</li></ul>	

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

<b>Portfolio Website</b> ( <i>HTML, Tailwind CSS</i> )	<i>present</i>
<ul style="list-style-type: none"><li>Designed and developed a modern personal portfolio to showcase projects and skills. Mobile-friendly layout with smooth scrolling and section-based nav.</li></ul>	
<b>Weather App</b> ( <i>HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS</i> )	<i>04/2025</i>
<ul style="list-style-type: none"><li>Built a responsive weather dashboard using live weather APIs. Handled error/loading states effectively, improving usability under low connectivity</li></ul>	
<b>Dialysis System</b>	01/2024 - 02/2025
<ul style="list-style-type: none"><li>Achieved <b>95% test coverage</b> for software-hardware interactions; identified sensor inaccuracies with a 75% detection rate.</li><li>Collaborated with developers to fix critical bugs, leading to a 90% successful deployment rate.</li></ul>	
<b>E-Mentorship Application</b>	06/2024 - 08/2024
<ul style="list-style-type: none"><li>Automated key functional tests using Selenium, reducing manual test load by 30%</li><li>Performed load testing with LoadRunner; improved scalability by 15%.</li><li>Conducted UI/UX validation for smooth navigation (96% success rate).</li></ul>	
<b>Navy application</b>	04/2024 - 06/2024
<ul style="list-style-type: none"><li>Ensured 95% pre-deployment defect detection in integration testing.</li><li>Maintained traceable documentation, enabling seamless QA handoffs.</li></ul>	
<b>Defence application</b>	02/2024 - 04/2024
<ul style="list-style-type: none"><li>Drafted detailed test cases for software and hardware integration, maintaining 95% system reliability.</li><li>Validated system interactions, boosting hardware-software integration reliability by 20%.</li></ul>	

CERTIFICATIONS AND ACHIEVEMENTS

- Java Certification – Udemy (Ongoing)
- NATS Certificate (2025)
- Published a research paper titled “AI-Based Weapon Detection System for the Prevention of Any Potential Crime” in HBRP Publication.
- 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.