KANAGAVEL BALAKRISHNAN

Quality Assurance Engineer

■ +91-7094727176 | ✉■ bskanagavel@gmail.com | ■ Bangalore

■ linkedin.com/in/kanagavelb

PROFILE

Result-oriented QA Engineer with 4+ years of experience in manual and automation testing across web, API, and mobile platforms. Strong background in test strategy, defect management, and Agile/Scrum practices. Skilled in ensuring high-quality product releases by combining automation frameworks, API validation, and cross-functional collaboration. Recognized for reducing manual testing efforts through automation and delivering stable, high-performing products.

SKILLS

- Functional, Regression, Smoke, Sanity, API, Security, Performance, GUI
- Test Planning, Test Case Design, Test Documentation, JIRA, TestRail
- Selenium with Java, REST Assured, Postman, Web & Mobile Testing (iOS, Android)
- STLC, SDLC, Scrum, Sprint Planning, Daily Stand-ups
- SQL, HTML, CSS, CI/CD familiarity
- Status Reports, Test Metrics, Bug Triage

WORK EXPERIENCE

Quality Assurance Engineer – Murf AI | Bengaluru | 2025 – Present

- Designed and executed comprehensive API test cases using Postman and REST Assured.
- Conducted end-to-end testing of Murf Studio, ensuring voice accuracy, UI/UX consistency, and performance stability.
- Developed and maintained automation test scripts, reducing repetitive manual tasks by 30%.
- Collaborated with customer support team to reproduce and resolve user-reported bugs.
- Ensured regression coverage and release stability across features, reducing post-release issues.
- Actively participated in sprint planning, grooming, and retrospectives within Agile teams.

Senior Quality Assurance Engineer – Alexa Smart Vehicle (Quattro) | Amazon Development Center | 2023 – 2025

- Led QA efforts for Alexa integrations in smart vehicles, validating voice commands, navigation, and infotainment systems.
- Automated regression test cases, improving coverage and reducing release cycle time.
- Performed cross-platform testing across mobile, tablets, and smart displays.
- Conducted functional, security, and localization testing for global rollouts.
- Received R&R; Award for identifying and driving resolution of critical production defects.

Quality Assurance Engineer – Alexa Music Team (MAL) | Amazon Development Center | 2021 – 2023

- Designed and executed detailed test cases covering content playback, subscriptions, and recommendations.
- Performed internationalization testing to ensure accurate translations and cultural adaptability.
- Tested and signed off Alexa mobile apps (iOS & Android) for production readiness.
- Partnered with developers to identify root causes of complex bugs across frontend and backend systems.
- Contributed to enhancing product quality and improving customer satisfaction scores.

EDUCATION

Bachelor of Engineering (CSE) – Anna University, 2016 – 2020 | CGPA: 7.2/10

Higher Secondary School – PMGHSS, Palakkad, 2014 – 2016