

Aswin Chandran P.C

Senior Test Engineer

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PROFESSIONAL SUMMARY

Results-driven Senior Test Engineer with extensive experience in enterprise QA, IoT ecosystems, and automated testing frameworks. Proven expertise in leading end-to-end test strategies for complex CRM platforms, RESTful APIs, and mobile/web applications. Skilled in developing automated testing solutions using Selenium, Appium, Java, and Python to drive software quality and reliability.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, Groovy, JavaScript
- **Automation Frameworks & Tools:** Selenium, Appium, Playwright, Postman, SoapUI, ReadyAPI, Swagger
- **Databases:** MySQL, MongoDB
- **Operating Systems & Platforms:** Windows, Linux, Tizen, Android

PROFESSIONAL EXPERIENCE

Senior Test Engineer

Pixbitsolutions PVT LTD

Domain: Real Estate CRM & Lead Management Systems

June 2024 – Present

Kozhikode, Kerala

- Led test strategy and execution for transforming an unsigned user module into an enterprise-grade Lead Management CRM platform.
- Validated secure RESTful Webhook endpoints processing single and bulk JSON payloads integrated via Zapier and Azure Data Lake.
- Executed detailed scenario testing for complex round-robin auto-reassignment workflows, SLA status-change timers (15-min and 2-day rules), agent tier pre-qualifications, and lead-bucket claiming logic.
- Tested multi-tier status/sub-status transitions (Open, Closed, Abandoned, Not Qualified, DND), verifying automated 1-hour privacy moves and admin-driven bulk recycling.
- Enforced strict data security policies across Super Admin, Team Lead, and Agent roles, verifying PII masking (email/phone) for mid-tier leadership and metadata field restrictions.
- Spearheaded cross-platform functional and UI/UX testing for native iOS/Android agent apps and web admin portals against Figma wireframes.
- Validated end-to-end user journeys connecting lead profile data directly to automated Offer Letter creation, private inventory matching algorithms, and public marketplace property listings.

Senior Engineer

Samsung R&D Institute India

Domain: IoT (SmartThings and Bixby AI)

August 2016 – December 2023

Bengaluru, India

- Developed and executed automated tests using Appium and Java for the SmartThings Mobile Application.
- Developed and executed automated tests using Selenium and Java for the SmartThings Catalog Management Web Admin Dashboard.
- Performed integration testing for Android Auto with the SmartThings IoT ecosystem.
- Conducted test case development and execution for features of Samsung Watch (Tizen OS) and Samsung Accessory Protocol.
- Benchmarked memory optimization of SmartThings Android versus iOS applications and led end-to-end testing of SmartThings Device Kit.

- Led end-to-end testing activities for IoT Proofs of Concept (POCs) and SmartThings integration with Bixby AI.

EDUCATION

Bachelors in Computer Application (Online Degree)

September 2022 – Present

Manipal University

Diploma in Computer Engineering

July 2013 – July 2016

NTTF, Bengaluru | Score: 66%

CERTIFICATIONS

- Selenium Web Driver with Java - Basics to Advanced & Interview – Udemy
- Agile Meets Design Thinking – Coursera
- Agile Testing – LinkedIn
- Java Basic – HackerRank
- Learning REST APIs – LinkedIn

AWARDS

- **Spot Award:** Recognized for automating end-to-end API testing of Samsung Connect Auto and SmartThings Backend APIs.
- **Spot Award:** Recognized for exceptional contribution in understanding AppCenter, developing a solution for frequent crashes, and reproducing them via an internal automation tool for SmartThings testing.