

AKSHAYA BALAJI

Automation Tester | Manual Tester | Jr. SDET

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OBJECTIVE

Quality Assurance Engineer with 2.5+ years of experience in manual and automation testing across Oracle Utilities CC&B and BCS. Skilled in UFT, Selenium, Playwright, TestNG, JUnit, and Cucumber, with strong expertise in functional, regression, E2E, and database migration testing. Experienced in ALM, JIRA, BrowserStack, and GitHub Copilot, driving defect-free, efficient, and compliant software deliveries through effective test planning, execution, and cross-team collaboration.

EDUCATION

MSc Information Technology, University of Madras Distance Education
Bachelor of Computer Applications, Anna Adarsh College for Women

Sep 2023 – Present
Jun 2019 – Jun 2022

SKILLS

Languages : Java, JavaScript, VBScript, HTML/CSS
Frameworks : UFT, Selenium, Playwright, TestNG, JUnit, Cucumber
Workflow Tools : JIRA, HP ALM, GitHub, GitHub Copilot, Gen AI tools
Databases : MongoDB
Methodologies : Agile, Waterfall
Testing Areas : Regression, Functional, E2E, UAT, Database Migration, BrowserStack Cross-Browser Testing, Defect Management, Test Planning & Execution
Project Methodologies: Agile, Waterfall, CI/CD pipelines
Certifications : Oracle C2M Certified

Experience

Cognizant, Programmer Analyst (Feb 2023 - Present, Chennai)

Pacific Gas and Electric (PG&E) | Oracle CC&B, BCS

- Automated and performed end-to-end testing in Oracle Utilities CC&B and BCS, covering billing cycles, payments, service orders, NBT workflows, and customer data validation.
- Analyzed Functional Designs (FDs) to derive comprehensive test scenarios and cases for business-critical modules.
- Conducted manual & automation testing using UFT, Selenium (Java), Playwright, TestNG, and JUnit — reducing regression effort by 40% and increasing coverage.
- Designed and executed NBT workflow tests (usage calculation, billing exceptions, credit allocations), ensuring compliance with PG&E regulatory standards.
- Executed functional, regression, integration and E2E testing for Net Billing Tariff (NBT) functionalities across billing, enrollment, transition, rates and account adjustments.
- Utilized ALM and JIRA for requirement mapping, test planning, defect tracking, and workflow management.
- Performed cross-browser compatibility testing via BrowserStack.
- Facilitated business walkthrough sessions and provided QA status reports to stakeholders.
- Validated fixes, supported releases, and ensured on-time, defect-free deployments in production.

Cognizant, QEA Intern (Feb 2023 – Aug 2023, Chennai)

- Contributed to the development of a test automation framework using Selenium, and Cucumber, demonstrating proficiency in programming language.
- Efficiently managed and monitored test scenarios, demonstrating multitasking capabilities in a remote working environment.

Projects

Hands-Free Inspection System | Python, MongoDB, Openrouter (Jan 2025)

- Developed a prototype for hands-free inspections in mining/construction using speech recognition, gesture control, and image capture.
- Integrated with MongoDB for secure data storage and reporting, improving safety and inspection efficiency.