SANNISETTY S

Automation Software Engineer, 5+ years experience
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5+ years of industry experience in Software Testing (Manual and Automation) with expertise in Test Planning, Test Design, Test Execution, Defect Reporting, and Tracking. Strong understanding of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC). Proficient in different Levels of Testing (System, smoke ,sanity and regression and Acceptance Testing). Well-versed with Test Documentation (Test Scenarios, Test Cases, Test Data, Defect Reports, and Test Metrics). Expertise in Bug Reporting & Tracking using tools like JIRA. Strong knowledge of SQL for Database Testing. Hands-on experience in Automating test cases using Selenium WebDriver with Python. Optimized test automation by implementing efficient frameworks and reusable components. Proficient in: Writing reusable functions to interact with web elements. Handling dynamic elements, pop-ups, and alerts. Implementing Page Object Model (POM) for maintainability. Employing parameterization in test scripts to handle different test data sets. Automating API tests using Selenium with Python requests module. Validating API responses, headers, and authentication. Expertise in PyTest for automation framework development, including Regression, Smoke, and Sanity Testing. Extensive use of PyTest fixtures to set up preconditions and optimize test execution. Utilized PyTest markers to categorize tests and selectively run test cases. Experience in setting up and working with CI/CD pipelines using Jenkins, GitHub Actions, and Selenium Grid. Continuously improved test execution efficiency and reduced execution time through script optimization and automation best practices.

INDUSTRIES: Software and Platforms

TECHNICAL SKILLS

• phython	4 years
• Automation Testing	4 years
• PyTest	4 years
• Selenium	4 years
• API Testing	4 years

PROJECT DETAILS

• Web-based Smart Governance Product — June-2019 - January-2024

Project Description: IFMIS is a smart governance platform that aids decision-makers by providing dynamic technology solutions. It plays a key role in administration planning and helps in the seamless implementation of digital transformation programs for sustainable governance.
Responsibilities: Developed and maintained Test Plans, Test Cases, and Test Scripts for Manual and Automated Testing. Performed Web and Mobile Testing using Appium on Android devices. Conducted various types of testing: Functional, Regression, Smoke, Sanity, Integration, System, Black Box, Compatibility, and Database Testing. Automated test scripts using Selenium WebDriver with Python. Refactored and updated automated test scripts to align with software updates. Created reusable functions and libraries to improve maintainability. Documented test cases, test plans, and test data for knowledge sharing. Provided feedback to development teams and suggested improvements in testing techniques. Enhanced automation frameworks by incorporating optimized test execution strategies. Used PyTest fixtures to set up test environments efficiently. Categorized and executed test cases using PyTest markers to streamline the test process
Technologies: Python, Selenium
Industry: Software and Platforms

• Smart Meter January-2024 - April-2025

Project Description: Power sector is a critical infrastructure element required for the smooth functioning of the economy. The availability of quality and affordable power aids rapid agricultural, industrial, and overall economic development of the state.

Responsibilities: Performed Manual and Automation Testing on different environments (Dev, QA, Staging). Logged and tracked defects using JIRA. Conducted Regression, Smoke, and Sanity Testing and verified fixes. Developed and maintained test case repositories and updated them based on new features. Automated functional test cases using Selenium WebDriver with Python. Implemented Page Object Model (POM) for test script maintainability. Developed reusable Python functions to interact with web elements. Automated API Testing using Python requests module. Suggested new testing techniques to improve development processes. Assisted in production deployments by performing validation testing. Optimized automation scripts to enhance execution speed and maintainability. Utilized PyTest fixtures to manage test setup and teardown. Implemented PyTest markers to organize and execute selective test suites efficiently

Technologies: Python, Selenium, Appium

Industry: Software and Platforms

EMPLOYMENT HISTORY

• Test Engineer January-2024 - April-2025

Description: sibilities Performed Manual and Automation Testing on different environments (Dev, QA, Staging). Logged and tracked defects using JIRA. Conducted Regression, Smoke, and Sanity Testing and verified fixes. Developed and maintained test case repositories and updated them based on new features. Automated functional test cases using Selenium WebDriver with Python. Implemented Page Object Model (POM) for test script maintainability. Developed reusable Python functions to interact with web elements. Automated API Testing using Python requests module. Suggested new testing techniques to improve development processes. Assisted in production deployments by performing validation testing. Optimized automation scripts to enhance execution speed and maintainability. Utilized PyTest fixtures to manage test setup and teardown. Implemented PyTest markers to organize and execute selective test suites efficiently.

EDUCATION

• Masters degree in MBA from JNTU University, Kakinada, Andhra Pradesh 2017 - 2019

LANGUAGES

• English - advanced

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