PAVAN KALYAN AKASAM
QA TEST ENGINEER

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CAREER OBJECTIVE

Motivated and detail-oriented engineering graduate seeking an entry-level position as a Quality Assurance Engineer/Test Engineer. Equipped with practical knowledge, I am eager to contribute to the software quality assurance process by identifying bugs, ensuring functionality, and supporting the delivery of reliable products. Committed to continuous learning and professional growth. I aim to build a successful career in the software testing domain while adding value to the organization.

EDUCATION

Bachelor of Technology | *Major: Computer Science and Engineering,* **GPA: 7.9**   Sep. 2020 - May. 2024

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology   Chennai, India.

Secondary Education (Intermediate) | *Major: MPC,* **GPA: 8.46**   June. 2018 - Mar.2020

Narayana Junior College   Andhra Pradesh, India.

Secondary School Certificate (SSC), GPA: 8.5   June. 2017 - Mar. 2018

Holy Angels E M High school   Andhra Pradesh, India.

PROJECTS

OBSERVR_POM   May 2025 – May 2025

      Hyderabad, India.

Tools & Technologies: Selenium WebDriver, TestNG, Page Object Model (POM), Apache POI, Extent Reports, Java, Maven

Description:

Automated the end-to-end UI testing of the obzervr.com web application using a structured Selenium framework. The project focused on validating UI functionality across different sections of the site, including home page elements, navigation buttons, footer links, and interactive features. The framework followed a modular Page Object Model (POM) design, integrated with data-driven testing from Excel sheets, and included dynamic reporting and screenshot capture on test failure.

Key Attributes:

- Built a reusable and maintainable automation framework using Selenium WebDriver and TestNG.
- Implemented Page Object Model (POM) design pattern for cleaner code organization and easier test scalability.
- Used Apache POI to fetch test data from Excel for data-driven test scenarios.
- Generated visually rich Extent Reports with logs, screenshots (for failures), and environment details.
- Captured automatic screenshots on test failure using TestNG Listeners to improve debugging efficiency.

AUTOMATIONEXERCISE_E-COMMERCE   June 2025 – June 2025
                                                                          Hyderabad, India.

Tools & Technologies: Java, Selenium WebDriver, TestNG, Maven, Page Object Model (POM), WebDriver Manager

Description:

Designed and implemented an end-to-end automation framework for the e-commerce website automationexercise.com using Selenium WebDriver and TestNG. The project follows the Page Object Model (POM) design pattern to ensure modularity, maintainability, and reusability of code. Maven was used for project and dependency management, and WebDriver Manager for seamless browser driver configuration.

Key Contributions:

- Automated user registration, product browsing, cart operations, checkout, and account deletion.
- Created a scalable and maintainable test structure using POM, separating page actions from test logic.
- Parameterized form input fields such as date of birth and card details to simulate real-world user data.
- Utilized TestNG for test execution control, lifecycle management, and result reporting.
- Centralized WebDriver setup and teardown in a custom DriverManager utility class.

SKILLS

- ➢ **Testing Skills:** Manual Testing, SDLC/STLC, Functional Testing, Regression Testing, Smoke Testing, Test Case Design, Defect Reporting, Test Automation, Bug Life Cycle.
- ➢ **Tools:** JIRA, Selenium WebDriver, Eclipse.
- ➢ **Programming:** Core Java.
- ➢ **Database:** SQL.
- ➢ **Frameworks:** TestNG, POM.
- ➢ **CI/CD tool:** GitHub

INTERPERSONAL SKILLS

- ➢ Ability to work in groups as well as individual.
- ➢ Self-confidence and hardworking capability, high patience level, and determined leadership skills.
- ➢ Excellent communication skills with the ability to engage effectively and professionally in corporate environments.

HOBBIES

- ➢ Listening music
- ➢ Playing online games
- ➢ Watching movies

PARTICIPATIONS

Tantraz Technical Event,
Vel tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai
Worked as an Organizer of this event.