



gslab | **GAVS**

Jumpstart your Automation Journey with our Test Automation Platform

Test Automation Platform – A Game Changer for Enterprises

A Test Automation Platform is critical for modern enterprises. Although the need for one has been well acknowledged, zeroing in on the best suited platform remains a challenge. Implementing the right platform that caters to your business can deliver significantly higher ROI and product quality through test execution speed, testing process accuracy, resource optimization, and cost-effectiveness.

Introduction - The GS Lab | GAVS Test Automation Platform

Save months of time and effort in building a test automation platform ground-up and accelerate your automation journey! The GS Lab | GAVS Test Automation Platform is built using **Technologies** *Java, Cucumber, TestNG, and Maven*, with **Repositories** for *Selenium, Appium, REST Assured, Autolt, and SikuliX*, **Hooks** for *pCloudy and BrowserStack* to enable cross-browser compatibility and parallel execution of applications and devices (iOS devices, Android devices, Windows OS, Mac OS). The reusable platform helps automate and test web applications, windows applications, mobile apps, and REST APIs.

Key Features

- Built-in code:
 - For Windows, web, and mobile actions (Click, Select, gettext, SendKeys, Verification, Wait, etc.)
 - For POST, GET, PUT, UPDATE, DELETE API calls
 - To generate XML and JSON request file with test data (API calls)
 - For POM for web and mobile app elements
- Built-in keyword, data driven testing using CSV, Excel, JSON formats across multiple environments
- Built-in template for Gherkin and Cucumber
- Customizable reporting using Extent, Cucumber, and TestNG
- Git for test management and version control with an ability to create master and feature branches
- Jira integration
- CI/CD enablement

Business Benefits

- Enhanced efficiency
- Productivity gains
- Holistic testing
- Quality at speed
- Code reusability
- Cost-effectiveness

Technical Benefits

- Early detection of bugs and issues
- Maximum test coverage
- Minimal human intervention
- Elimination of QA effort
- Anytime, anywhere automated tests
- Bug-tracking reports for DevOps teams



GS Lab | GAVS is a global technology company focused on creating business impact for its 400+ customers across the USA, Europe, the Middle East, and APAC. It offers digital product engineering, AI-led managed services, and digital transformation services to customers across healthcare, BFSI, communications, and high-tech segments. With 4000+ technologists and a strong talent grooming engine, it is a trusted growth partner to its customers. The company focuses on deep tech engineering skills, innovative win-win business models, and customer success. Its IPs such as ZIF™, zIrrus, Rhodium, and zDesk help accelerate technology adoption and reduce operational inefficiencies.

For more information on how GS Lab | GAVS can help solve your business problems, write to inquiry@gavstech.com.

www.gavstech.com