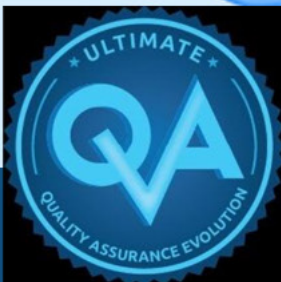


The Best Websites to Practice AUTOMATION TESTING



NIKOLAY ADVLODKIN

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THE BEST WEBSITES TO PRACTICE AUTOMATION TESTING (API, UI, MOBILE)

We need a place to practice our test automation skills, wouldn't you agree?

Where do you go when you need to learn how to deal with AJAX, Angular, Kendo and other dynamic elements?

Hence, I compiled a list of my favorite websites to practice test automation:

- [SauceDemo.com](#) (web UI)
- [ultimateqa.com/automation](#) (web UI)
- RealWorld demo apps (web, React, Angular, Vue, Elm...)
- Restful-Booker (API)
- React shopping cart: <https://github.com/nadvolod/react-shopping-cart> (React JS)
- ParaBank Bank Site (web, API)
- Telerik Multi Language Demo Site (web UI)
- Dave Haeffner's Practice Site (web UI)
- PHP Travels: <https://www.phptravels.net/> (web UI)
- Mercury Tours (web)
- E-commerce Clothing Site (web)
- Demoqa (web)
- Compendiumdev.co.uk (web)

- Fake Address Book (web UI, API)
- [Webdriveruniversity.com](https://www.webdriveruniversity.com) (web UI)
- JSONPlaceholder (API)
- Sample Ecommerce mobile app (Android, iOS)
- ACME Demo Banking (web UI)

This list contains websites that provide some unique attributes that other websites don't have. As a result, you can pretty much combine all of them together to have a complete profile of different types of automation skills.

SAUCEDEMO E-COMMERCE

Skills Learned: Test data injection, handling automation failures.

This is probably the best demo site that I have seen for UI test automation. This website is an e-commerce store that has several cool attributes.

First, it has a normal, working user that you can use for all of your test automation scenarios.

Next, you can use the `problem_user` to test the same exact scenarios that worked for the `standard_user`. However, the `problem_user`, will have tons of problems with the web app. As a result, a bunch of your tests should fail, for the correct reasons.

There is a detailed [API documentation here](#)

You can even [download the client](#) on your localhost and run tests against the app

ULTIMATE QA HTML ELEMENTS

The screenshot shows the Ultimate QA website interface. At the top is a dark blue navigation bar with the Ultimate QA logo on the left and links for 'Video Tutorials', 'Selenium WebDriver Resources', 'Automation Exercises', 'Blog', and 'Work with us' on the right. Below the navigation bar is a light blue header for the 'Automation Practice' section, which includes the text 'Use your skills to learn how to automate different scenarios'. On the left side of this section is a vertical stack of social media sharing icons (Google+, Facebook, Twitter, LinkedIn, Email, and a heart icon). To the right of the icons is a list of practice topics: 'Big page with many elements', 'Fake Landing Page', 'Fake Pricing Page', 'Fill out forms', 'Learn how to automate an application that evolves over time', 'Login automation', and 'Interactions with simple elements'. On the far right, there is a sidebar with a search bar, a section titled 'Automation Testing Resources', and a 'Recent Posts' section listing 'Selenium Webdriver Elements Identification Course - How to Use Name Property to Identify an Element'.

6 Shares

Automation Practice

Use your skills to learn how to automate different scenarios

- Big page with many elements
- Fake Landing Page
- Fake Pricing Page
- Fill out forms
- Learn how to automate an application that evolves over time
- Login automation
- Interactions with simple elements

Automation Testing Resources

Recent Posts

Selenium Webdriver Elements Identification Course - How to Use Name Property to Identify an Element

A free place to practice some scenarios like:

- Testing a large complicated page
- Work with simple HTML elements like buttons
- Fill out forms
- Automate an application that evolves over time

REALWORLD EXAMPLE APPS

This app might be one of the coolest ever because you can actually mix and match your front-end and your back end for your desired tech stack. Yet the functionality remains exactly the same! Some options you have are:

- [React / Redux](#)
- [Angular](#)
- Elm
- Vue

RESTFUL-BOOKER

Skills Learned: API Automation

Restful-booker an API that you can use to learn more about API Testing or try out API testing tools against. Restful-booker is a Create Read Update Delete Web API that comes with authentication features and loaded with a bunch of bugs for you to explore. The API comes pre-loaded with 10 records for you to work with and resets itself every 10 minutes back to that default state. Restful-booker also comes with [detailed API documentation](#) to help get you started with your API testing straight away.

REACT SHOPPING CART

Skills Learned: ReactJS automation

This is a React JS web app that I forked and modified to fit the needs for test automation. I plan to maintain this app for a really long time so that it never dies and we can always use it for practice.

PARABANK BANKING SOFTWARE

Skills Learned: UI + Web Services automation

This is a banking website that allows for automation through the UI and through the Web Services (REST and SOAP). This is hugely beneficial because it will allow you to think of your automation in terms of the automation pyramid.

This means that you can learn how to move as much functionality as possible to the API layer and then do the rest of the automation through the UI layer. This is the ultimate approach to automation and having a website like this is amazing for practice.

TELERIK MULTI LANGUAGE DEMO SITE

I don't know if this website was meant to be a demo automation site. However, I do know that it is fantastic! It has all sorts of controls to play with. For example:

- [Angular components](#)
- [Angular dropdowns](#)
- [React conversational UI component](#)
- [ASP.NET Grid](#)
- [ASP.NET MVC tree view](#)

And so much more. This might be a one stop shop for all of your HTML elements and controls.

DAVE HAEFFNER'S PRACTICE SITE

Welcome to the-internet

Available Examples

[A/B Testing](#)
[Basic Auth \(user and pass: admin\)](#)
[Broken Images](#)
[Challenging DOM](#)
[Checkboxes](#)
[Context Menu](#)
[Disappearing Elements](#)
[Drag and Drop](#)
[Dropdown](#)
[Dynamic Content](#)
[Dynamic Controls](#)
[Dynamic Loading](#)
[Exit Intent](#)
[File Download](#)
[File Upload](#)
[Floating Menu](#)
[Forgot Password](#)
[Form Authentication](#)
[Frames](#)
[Geolocation](#)
[Horizontal Slider](#)

Port me on GitHub

Dave designed an excellent place to practice different kinds of test automation scenarios. Some of the scenarios that you can try to automate include:

- A/B Testing
- Basic Auth
- File Upload
- Challenging DOM
- iFrames
- Slow connections
- Dynamic content
- Hovers
- Redirect links

PHP TRAVELS

The screenshot displays the PHP Travels website interface. At the top, there is a navigation bar with the PHP Travels logo and a menu containing links for DEMO, ORDER, FEATURES, PRODUCT, HOSTING, SERVICES, COMPANY, and LOGIN. Below the navigation bar is a large banner with the text "APPLICATION TEST DRIVE." and a subtext "Go ahead and give it full test to checkout the amazing features behind our application". The main content area is divided into two sections: "Homepage Front-End" and "Administrator Back-End". The "Homepage Front-End" section includes a thumbnail of the website's front end, a blue button with the URL "HTTP://WWW.PHPTRAVELS.NET", and a user profile icon with the email "Email user@phptravels.com" and password "Password demouser". The "Administrator Back-End" section includes a thumbnail of the administrator interface, a blue button with the URL "HTTP://WWW.PHPTRAVELS.NET/ADMIN", and a user profile icon with the email "Email admin@phptravels.com" and password "Password demoadmin". At the bottom left, there is a status bar that says "Establishing secure connection...". At the bottom right, there is a blue button labeled "Ask Question!" with a small icon.

This is an excellent demo travel site that you can use to practice your test automation. They have a front end and a back end for you to automate. This one is a bit more fancy than the website that you will see below.

MERCURY TOURS



**MERCURY
TOURS**

- [Home](#)
- [Flights](#)
- [Hotels](#)
- [Car Rentals](#)
- [Cruises](#)
- [Destinations](#)
- [Vacations](#)

**HTML
VERSION**
[Use Java Version](#)

SAVINGS!
Rent A Car

[CLICK HERE](#)



one cool summer 

[SIGN-ON](#) [REGISTER](#) [SUPPORT](#) [CONTACT](#)

Featured Destination

ARUBA



This island is surrounded by coral reefs, offers guaranteed sunshine and is blessed with beautiful beaches. Luxury resorts have taken up residence along most of the beachfronts on the southern coast, but there are still undeveloped areas on the exposed northern coast, and much of the interior is inhabited by nothing more substantial than goats.

Specials

Atlanta to Las Vegas	\$398
Boston to San Francisco	\$513
Los Angeles to Chicago	\$168
New York to Chicago	\$198
Phoenix to San Francisco	\$213

Tour Tips

TIP #93 Always carry a travel first aid kit with bandages, antacids, aspirin, bee sting wipes, and other basic necessities.

Jul 28, 2018

Find A Flight

Registered users can **sign-in here** to find the lowest fare on participating airlines.

User Name:

Password:

[Sign-In](#)

Destinations

 Find detailed information about [your destination](#).

Vacations

 Read about our [featured vacation destinations](#).

Register

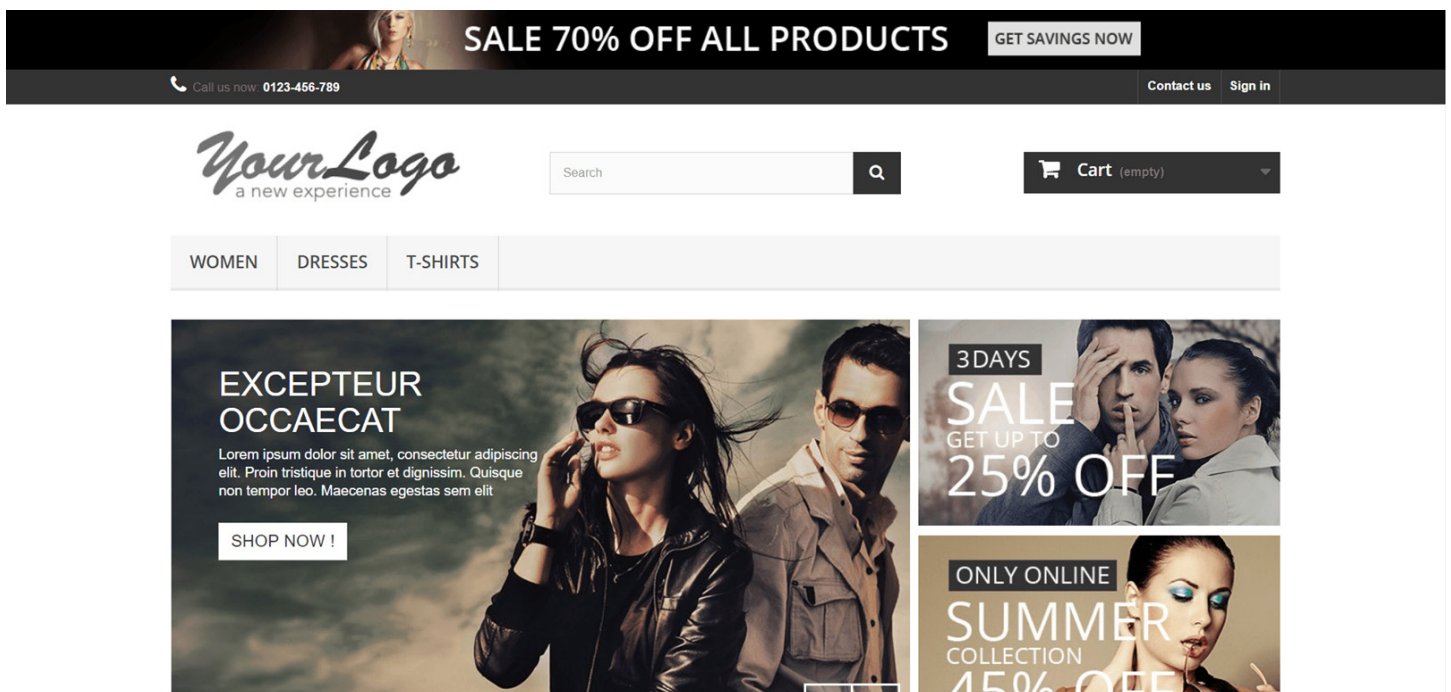
 [Register here](#) to join Mercury Tours!

Links

[Business Travel @ About.com](#)
[Salon Travel](#)

This is a demo travel site that you can use to practice your test automation. They have a front end and a back end for you to automate.

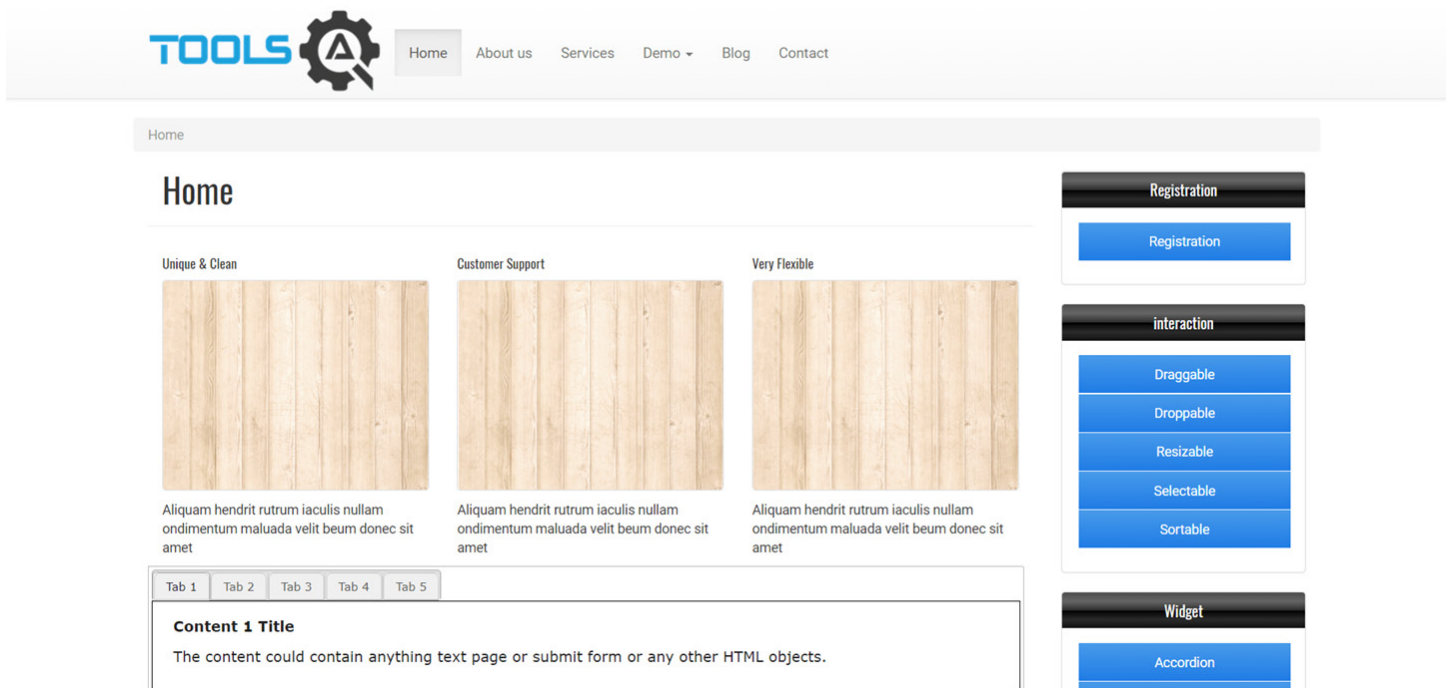
SAMPLE E-COMMERCE SITE



This is really a nice fake e-commerce site to practice test automation. If you have a project where you need to practice different flows for online stores, this is the website you want. You can practice

- Adding items to the cart
- Checking out
- Validating that items have been added

DEMOQA



This is a neat little website with simple elements to practice test automation with. It has:

- Draggable elements
- Droppable elements
- Selectable elements
- Sortable elements
- Much more

COMPENDIUMDEV.CO.UK



[hire me](#) [e-training](#) [books](#) [face to face](#) [about](#) [contact](#) [resources](#)



Do you want to test better?

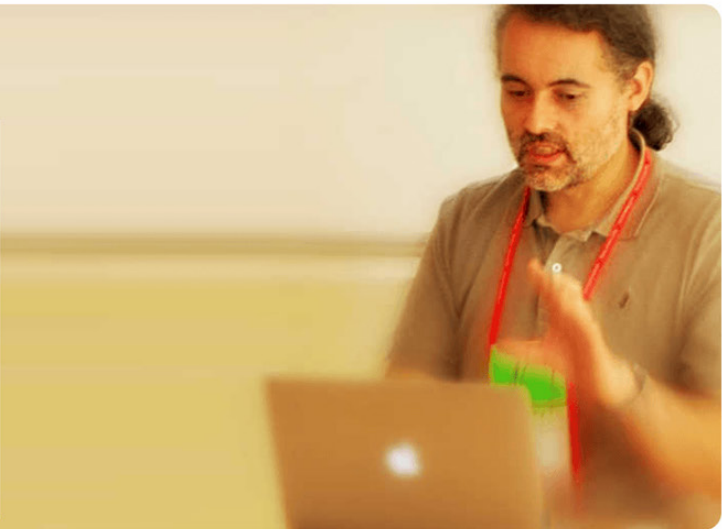
Consultants have a bad rep, until you meet a good one.

My name is Alan Richardson and I'm different from other consultants because I'm independent.

I don't come pre-armed with a 'Head Office Solution', and then spend time writing a report to sell you more consultancy.

I use my experience to work with you, hands on, quickly, and uniquely, to solve your problems.

[Tell me how you want to improve.](#)



Hire Me To Help You

I currently have 10 bookable days per month for onsite and remote client work.

I'm normally near London, but if I'm travelling near you then I might be able to extend my trip and fit you in.

- [Drag and drop elements](#)
- [Draw on a canvas](#)

FAKE ADDRESS BOOK APP

[Home](#) [Sign in](#)

Welcome to Address Book

A simple web app for showing off your testing

This is an app that I recently learned about from one of my coworkers. This is a sample Address Book app. Some things that you can practice here are basic CRUD operations for addresses.

There is a detailed [API documentation here](#)

You can even [download the client](#) on your localhost and run tests against the app

WEBDRIVERUNIVERSITY.COM

Skills Learned: UI interactions, AJAX Loader

So many websites that I'm only going to point out the differentiating features:

- [AJAX Loader](#)
- [Hovers](#)
- [Click and hold](#)
- [Double click](#)

JSONPLACEHOLDER API

Skills Learned: API testing

Fake Online REST API for Testing and Prototyping

SAMPLE ECOMMERCE MOBILE APP (ANDROID, IOS)

In this repository you will find our Sauce Labs sample-app. You can use it as a sample app for testautomation on your local machine or in our Real Device Cloud.

ACME BANKING

Skills Learned: Very simple UI interactions

This is a demo banking website from AppliTools. You can login to the app simply by pressing the login button and not even entering any credentials.

It doesn't seem to do much though besides being able to login. None of the buttons seem to work. Only the UI seems to get refreshed with a few of the buttons.

CONCLUSIONS

Did I miss some sample sites? What other practice sites or apps would you like to see listed? Let me know below so that I can expand this list.