

# Jones Automation - Exercise

## Intro

In this exercise, you will need to create simple automation using the Puppeteer library.

Puppeteer is a javascript library that allows you to simulate Chrome usage by writing javascript code, this is why it is optimal for web site automation.

Puppeteer runs on Node so you first must install and run Node:

<https://nodejs.org/en/download/>

Node can be installed both in Windows and Linux, many installation guides are available online.

Puppeteer library:

<https://github.com/GoogleChrome/puppeteer>

API guide:

<https://github.com/GoogleChrome/puppeteer/blob/v1.5.0/docs/api.md>

Examples:

<https://github.com/checkly/puppeteer-examples>

## The exercise:

Create an automation file to check the following site:

<http://contractorsinsurancereview.com/ExampleForm/>

## **The automation flow should:**

- Type values in the Name, Email, Phone and Company fields.
- Create a screenshot of the page before clicking the "Request a call back" button.
- Bonus: Change the Number of Employees from 1-10 to 51-500
- Click the "Request a call back" button.
- Write to the console.log when reaching the thank you page.

## When you are done please send us:

- a. The automation files you created.
- b. Answers to the following questions:  
A global SaaS company is using the following widget for billing:

## Account Information

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Please fill in the fields below.

<b>Card Type</b>	<b>Payment Amount</b>	
VISA * <input type="button" value="v"/>	30.00	
<b>Card Number (No dashes or spaces)</b>	<b>Expiration</b>	
<input type="text"/> *	Select month <input type="button" value="v"/> Select year <input type="button" value="v"/> *	
<b>Cardholder Name</b>		
<b>First Name</b>	<b>MI</b>	<b>Last Name</b>
<input type="text"/> *	<input type="text"/>	<input type="text"/> *
<b>Credit Card Billing Street Address</b>		
<input type="text"/> *		
<input type="text"/>		
<b>City</b>	<b>State or Province</b>	
<input type="text"/> *	Select a state <input type="button" value="v"/> *	
<b>Postal Code (no dashes):</b>		
<input type="text"/> *		

\* indicates required information

- Test this UI mock-up, can you find any problems with this screen? (Please pay attention to all functional aspects such as Security, Usability, Performance, etc.).
- Can you write 2–3 sample test cases for this functionality?
- Can you suggest a product solution for the most severe bug you've found?

Notes:

- If possible, please return the exercise answers in English.

**Feel free to contact us regarding any question, we will be happy to help.**

You can contact us via email or phone.