

## Vacant position : **QA Software Engineer - Remote 30h/week**

(ref. JO-221)

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We are looking for a potential member of our team to provide QA support as needed, and as a backup to the existing team. This would start with a 2 to 3 month collaboration at minimum 30 hours per week, with the possibility of a long-term collaboration afterwards. This is a fully remote position for Europe-based freelancers.

exense GmbH is a software publisher and services company, specialised in Scalable Automation, Performance Engineering, Service Monitoring and Analytics. We are a human-size, bootstrapped startup operating for clients based in Switzerland, France and Germany. Our mission is to help companies operate their IT systems in a more efficient way through our in-house built innovative and high-quality products. As an open-core company, we are firm believers in the open-source philosophy, and we pride ourselves on being an open-minded workplace.

Our flagship product step is a comprehensive platform for unified software automation. Available as SaaS or on-premise, its unique approach allows the reuse of automation artefacts across the whole DevOps lifecycle of applications. From large scale E2E acceptance tests, load tests to RPA and synthetic Monitoring.

### **Your responsibilities**

As a QA Automation Engineer, your main tasks will and responsibilities will be to:

- Collaborate with product development teams to understand and address their test software and automation needs
- Improve and extend our Selenium and Cypress test framework
- Perform root-cause analysis of test failures and provide bug fixes
- Assist developers in automating existing manual tests and optimise existing automated tests

### **Your skills & experience**

- At least a Bachelor's Degree in Computer Science or similar plus a minimum of 1 year of test automation experience
- Exposure on automating GUI and REST Web Services will be an advantage
- Solid knowledge about Testing framework such as Selenium, Cypress and JUnit
- Solid knowledge about programming languages: Java, C# (DotNet) and Javascript will be an advantage
- Experience with Docker, Kubernetes and Helm will be an added advantage
- Familiarities with VCS tools such as Git and IDE such as IntelliJ
- Fluent in English

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## Remuneration

CHF 20 - 30 / hour

## Do you want to become part of the team?

Please send us your application to [contact@exense.ch](mailto:contact@exense.ch), together with the results of the exercises described below.

exense GmbH is an equal opportunity employer and values diversity, so all profiles will be considered without any discrimination.

Applicants will be assessed on these exercises, which will cover the basics of our needs regarding the extension of our Selenium and Cypress test frameworks:

- Follow our documentation to install the Open-Source version of our step application on-premise on your laptop (<https://step.exense.ch/knowledgebase/3.18/getting-started/quick-setup/>) and start it. You do not need a step agent for this exercise
- Install Chrome and the appropriate version of ChromeDriver on your laptop (<https://chromedriver.chromium.org/downloads>)
- Start a new Maven Java project with the Selenium test framework as a dependency (<https://www.selenium.dev/documentation/webdriver/>)
- Write a simple JUnit test that will perform a login to your local step instance using the Selenium framework (the browser must be Chrome or Chromium)
- Extend the test to browse the step tabs (Plans, Keywords, Parameters, etc.) and make sure that the tab is loaded (lookup for an element on the page) before moving to the next one
- Execute the whole exercise again, this time using Cypress (<https://docs.cypress.io/guides/getting-started/installing-cypress>)
- Commit your code to a public GIT repository and submit it to us.