

# RICK SCHUBERT

79 Ricardo Street ▪ E14 6EQ London ▪ United Kingdom  
[rickschubert.net](http://rickschubert.net) ▪ [github.com/rickschubert](https://github.com/rickschubert) ▪ [rickschubert@gmx.de](mailto:rickschubert@gmx.de)

## Automation Engineer and Developer

### PROGRAMMING EXPERIENCE

---

- Years of programming experience, both commercially and on own projects
- Dominant programming languages: TypeScript/JavaScript in commercial settings; Golang in private projects
- Great expertise in automated testing and DevOps from past roles; now looking to transition into backend development
- Author of the testing libraries mock-request (soon to be made open-source), jest-json-schema-extended andnock-proxy (both open-source)

Programming languages	Tools
JavaScript / TypeScript / node.js	Docker
Golang	Linux
	Git
bash	React
HTML/CSS	Jenkins
Python	AWS (Lambda, S3, CloudWatch, API Gateway, EC2)
Groovy	GraphQL
Java	REST
	PostgresQL
	MongoDB

### WORK EXPERIENCE

---

- |                           |  |
|---------------------------|--|
| September 2018<br>– Today | <p>Senior Software Development Engineer in Test / DevOps<br/><i>Tray.io</i>, London</p> <ul style="list-style-type: none"><li>▪ Built from scratch an extremely performant end-to-end test framework using TypeScript (superset of JavaScript) and WebdriverIO/Selenium<ul style="list-style-type: none"><li>○ Makes use of API calls and other shortcuts to speed up the testing process</li><li>○ Detailed reports</li><li>○ Heavily parallelised on the CI system with docker</li><li>○ Cucumber</li><li>○ Page object pattern</li></ul></li><li>▪ Heavily involved with CI processes: built, maintained and improved release and test pipelines<ul style="list-style-type: none"><li>○ Contextual stages (only run stage A if files of type X changed; only run tests for files that have changed)</li><li>○ Exposes many notifications in our company messaging systems and user interactions attached to these, such as retries</li><li>○ Tools: Jenkins, Docker, Linux, bash, Groovy, git</li></ul></li><li>▪ Built from scratch a comprehensive API test framework in TypeScript which accesses REST APIs and GraphQL APIs</li><li>▪ Built from scratch the testing library mock-request (soon to be open-sourced) to be consumed by frontend unit tests to mock network requests easily, integrates with contract testing</li><li>▪ Built contract testing framework from scratch</li></ul> |
|---------------------------|--|

January 2018 – September 2018	<p>Test Engineer <i>Arcadia</i>, London</p> <ul style="list-style-type: none"> <li>Created highly performant and extremely stable browser test suite using Selenium/WebdriverIO <ul style="list-style-type: none"> <li>85% contribution rate</li> <li>Customisable: runs on desktop and mobile viewports, works against all 7 Arcadia brands</li> <li>Smart setups: pre-test creation of user profiles and gathering of test products via API</li> </ul> </li> <li>API tests <ul style="list-style-type: none"> <li>Polished and resurfaced 1 year abandoned/dysfunctional API suite</li> <li>Very stable, 0% non-genuine error rate</li> </ul> </li> <li>UI Integration tests <ul style="list-style-type: none"> <li>Created a UI integration test suite completely from scratch, using Cypress</li> <li>75% contribution rate</li> <li>Mocks all network requests - high stability</li> </ul> </li> <li>CI/Jenkins <ul style="list-style-type: none"> <li>Helped integrate test suites into Jenkins jobs with Docker</li> </ul> </li> </ul>
May 2017 – January 2018	<p>QA Specialist <i>Arachnys</i>, London</p> <ul style="list-style-type: none"> <li>Created a web application from scratch to track the weekly team progress</li> <li>Updated browser test suite</li> <li>Continuously identified issues around the app and improved testing processes</li> <li>Performance testing</li> <li>Enforced code standards</li> </ul>
December 2015 – May 2017	<p>QA Specialist <i>Williams Lea Tag</i>, London</p> <ul style="list-style-type: none"> <li>Automation of processes for the entire account (developed more than 20 custom desktop applications)</li> <li><i>Exceptional Award</i> in the category of <i>Exceptional Ideas and Solutions</i></li> <li>Established new and restructured existing processes</li> <li>Reference point for technological innovation</li> <li>Raised client satisfaction ratings</li> <li>Meticulous attention to detail across each brand</li> </ul>
May 2012 – May 2015	<p>Editor at <i>I-FAS</i> (Scientific research department at <i>Chemnitz University of Technology</i>, "Interdisciplinary Centre for Advanced Driver Assistant Systems")</p>
October 2014 – February 2015	<p>Lecturer, Postgraduate Seminar (<i>Tutorium</i>) <i>Chemnitz University of Technology</i></p>
September 2008 – May 2009	<p>Community service in work factory for people with learning disabilities <i>Lebenshilfe Chemnitz e.V.</i></p>

## EDUCATION

---

2009 – 2015	<p>Master of Arts, Linguistics and Literature <i>Chemnitz University of Technology</i></p> <ul style="list-style-type: none"> <li>Distinction</li> </ul>
-------------	--

## LANGUAGES

---

German	Native level
English	Fluent
French	Intermediate