

HELLO,
I'm Tobias Schneck.

|| CONSULTANT ||

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ABOUT

Let me introduce myself.



Tobias worked many years as software developer specializing in test automation and continuous integration projects. As co-founder of the open source testing framework **Sakuli** and the **docker-headless-vnc-container**, he follow the aim of making the setup and the development of end-2-end tests and monitoring cases simpler.

As conference speaker and organizer of the meetup **Agile Testing @Munich** he is passionate about innovative technologies and ideas which make developers' work easier and complex deployments more convenient.

His current passion is to increase the acceptance and distribution of container technologies in the Kubernetes eco-system. Bringing the advantages of cloud native technologies and development workflows to everybody is his new purpose.

PROFILE

SKILLS

CONTAINER TECHNOLOGIES

100%



FULLNAME:

Tobias Schneck

JOB:

Consultant

EMAIL:

tobias.schneck@loodse.com

Docker, Docker Compose, containerd

CLOUD TECHNOLOGIES

90%

GKE, AWS, Kubernetes, OpenShift

BACKEND DEVELOPMENT

100%

Java, Spring Framework, Java EE, Spring Boot, Maven, Kotlin, Go

WEB DEVELOPMENT

65%

JavaScript, NodeJS, HTML5, CSS3, Angular

TESTING

100%

Junit, TestNG, Citrus, Sakuli, Selenium

CONTINUOUS INTEGRATION

100%

Jenkins, OpenShift Build Pipelines, Drone, Travis, GitLab CI

CONTACT US

DOWNLOAD CV

RESUME

More of my credentials.

Work Experience

Head of Professional Service

Jul 2018 – Present



Loodse GmbH, Munich (Remote)

- Managing and coordinating of the consulting team.
- Creating of customer focused solutions based on Kubernetes or Kubermatic.
- General consulting on cloud technologies like Google Container Engine, Amazon Webservices, etc.
- Develop and establish the cloud native build system KubeCI in the Kubernetes community.

Software Developer & Consultant

Apr 2013 – Jun 2018



ConSol Consulting & Solutions Software GmbH, Munich

- Setting up the architectural concept and develop a prototype for a cloud-based testing platform based on the major cloud

technologies like Kubernetes/OpenShift.

- Founding and developing the open source project Sakuli E2E and docker-headless-vnc-container. The Sakuli project has the mission to simplify the end-to-end testing and monitoring for web sites and common UIs. All tests can be packed into containers and executed in a very stable manner in CI/CD pipelines. At least in scalable cloud environments like GKE, Kubernetes or OpenShift.
- Building up and improve the internal OpenShift HA cluster installation.
- Consulting in different test automation projects, to build up custom CI/CD pipelines.
- Develop an individual Java-based integration application between CRM and customer's backend systems.
- Setting up integration testing setups for different message protocols, e.g. SOAP, REST or JMS.

Working Student

Mar 2012 – Mar 2013



Audi AG, Ingolstadt

Regular working at Audi as student for a half year. Later on writing bachelor thesis about "Change management in SAP for parallel development processes"

- Setting up a Workflow on BPMN with the tools SAP Solution Manager and HP ALM for process a effective change management in SAP multi-system environments

- Editor and admin for role and rights in Audi MyNet Application
- Tester in Audi social collaboration project

IT Intern

Sep 2011 – Feb 2012



Grenzebach Corporation, Newnan, USA

- Operational tasks for different internal IT systems
- Java Development of internal LDAP application

Trainee & Permanent Employee

Sep 2003 – Sep 2008



MKR Metzger GmbH, Monheim

- IT-System Administration and Sales Support
- Training Program in Industrial Administration

Education

Bachelor Degree

Oct 2009 – Mar 2013



THI – Technical University Ingolstadt

Major Subject: Business Informatics

Minor Subject: Cloud Infrastructures and Mobile Applications

High School Degree

Upper Vocational School Donauwörth

Sep 2008 – Jul 2009



Focus on Economics

Apprenticeship Degree

Sep 2003 – Mar 2006



Vocational School Donauwörth

Official qualification in industrial administration:

Three-year training program with certification through the German Chamber of Commerce.

Community Work

Organizer

Jun 2015 – Present



Agile Testing @Munich Meetup

Organizing and speaking at the Meetup events about all testing related topics.

- Focused on topics about agile methods and testing tools, which helps people in their daily projects.
- More than 800 members
- 4-6 Events a year

Publications

Print & Online Article

Oct 2018



(planned) Java aktuell

Kubernetes-based Build-Pipelines: Build -> Test -> Run!

Print Article

Apr 2017



OBJEKTspektrum [↗](#)

End-2-End-UI-Tests mit Sakuli in Container-Umgebungen - "Time-to-Test" im Griff

Online Article

Mar 2017



JAXenter [↗](#)

End-2-End-Testing und -Monitoring im Container-Zeitalter

Print & Online Article

Jan 2017



Java aktuell [↗](#)

Automatisiertes Testen in Zeiten von Microservices

Online Article

Oct 2016



Informatik Aktuell [↗](#)

Software-Test im Container: So können Sie Graphical User Interfaces mit Docker und Sakuli testen

Online Article

Aug 2016



heise Developer [↗](#)

Testautomatisierung in Zeiten von Continuous Delivery

PROJECTS

More about my projects.

Sakuli

Apr 2014 – Jul 2017



Sakuli E2E testing and monitoring tool [↗](#)

- Platform-independent UI testing tool.
- Combines two automation technologies: DOM based web testing and image pattern based UI automation for non-web-content like flash or native applications.
- Integrations into CI/CD and monitoring systems.

docker-headless-vnc-container

Jul 2015 – Present



Collection of Docker images with headless VNC environments



- VM like container with full usable Desktop environment.
- Container running in non-root mode
- Ad-hoc Desktop environment even in Kubernetes or OpenShift

Technologies:

- Docker

Technologies:

- Java (Spring)
- Javascript
- OpenCV
- Go
- Bash
- Docker
- Kubernetes/OpenShift

Roles:

- Co-Founder
- Team lead
- Technical Lead

- Test execution in fixed containerized testing environment

- Kubernetes/OpenShift
- Bash
- Xfce4 / IceWm
- VNC / WebVNC

Roles:

- Founder
- Maintainer