HELLO,

I'm Tobias Schneck.

| SOFTWARE ENGINEER - HEAD OF PROFESSIONAL SERVICE |

ABOUT ME ⌄   RESUME ⌄   PROJECTS ⌄

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

FULLNAME:
Tobias Schneck

JOB:
Software Engineer - Head of Professional Service

EMAIL:
tobias.schneck@loodse.com

SKILLS

CONTAINER TECHNOLOGIES   100%

Docker, Docker Compose, containerd

CLOUD TECHNOLOGIES   90%

Google Compute/Kubernetes Engine, 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

PROJECT MANAGEMENT   100%

Scrum, Kanban, Project Controlling, Technical Planning

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 Google Kubernetes Engine, Kubernetes On-Premise 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
Sep 2008 - Jul 2009

Upper Vocational School Donauwörth

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 there daily projects.
- More then 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

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.
- Test execution in fixed containerized testing environment

Technologies:

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

Roles:

- Co-Founder
- Team lead
- Technical Lead

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

Roles:

- Founder

- Maintainer

- Maintainer