

Curriculum Vitae

Name:

Stefan Friese

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Senior Software Engineering Manager passionate about music as well as DevOps, SRE, Lean Software Development, Continuous Testing and Agile Methodologies.

AREAS OF EXPERTISE

PEOPLE MANAGEMENT

- 13 years of experience to lead teams
- Direct managing cross-functional teams
- Coaching and personal development planning
- Hiring and performance evaluation
- Remove impediments for the team
- Budgets (e.g. merit increases, bonus as well as collaboration with Sourcing department)
- Working with geographically distributed and interdisciplinary teams

PRODUCT MANAGEMENT

- Directed product planning, including strategic planning and guiding development
- Product Owner (e.g. product roadmap planning and backlog prioritization)
- Executive management reporting

DEVELOPMENT

- Experienced software engineering team lead
- Coaching of team members
- Automation testing, performance optimization and scalability
- Continuous Delivery expert
- Agile and lean development (Kanban and Scrum)

DevOps and SRE

- Visiting Lecturer at University of Applied Science
- Collaborating in transformation initiatives to drive Agile, DevOps and SRE

Since 05/2020

Member of advisory board
ditcraft UG, Flensburg

Since 11/2015

Sr Software Engineering Manager
HERE Technologies, Berlin

Accomplishments

- Team lead and people manager of a team with 8 software engineers.
- The team develops Continuous Delivery related release and test automation services, used by development teams across the company (with 8-9k employees).
- Product Manager of in-house test automation framework, hosted on AWS.
- Contributing to DevOps and SRE transformation initiatives within HERE Technologies, e.g. definition and implementation of DevOps metrics dashboard as data-driven approach.

Technologies

- Methodologies: Kanban, DevOps, CI&CD, lean software development.
- Context: AWS (e.g. ECS, CloudFormation, EC2, RDS, S3, lambda), Docker, microservice and serverless architectures, Swagger, Git, GitLab, Jenkins, GoCD, Bitbar, Cucumber, Apache JMeter, Splunk, Java Spring, Python, Maven, React, Grafana.

09/2019-12/2019

Visiting Lecturer
Code University of Applied Science, Berlin

- Continuous Everything class about CI/CD, DevOps, SRE

11/2011-11/2015

Test Automation Team Lead (Lead Engineer)
NOKIA (now HERE), Berlin

Accomplishments

- Building and leading a team of six performance test specialists and software engineers in test to develop a test automation framework.
- Ensured SLAs and SLOs by establishing and heading performance and failover tests for a webservices based platform, hosted on AWS (serving appr. 10.000 queries per second).
- Agreed with strategic partners (e.g. Amazon, Bing, Yahoo) test strategy.
- Contributed to ISO and A-Spice process definitions and participated in ISO certifications.

Technologies

- Methodologies: Kanban, CI&CD, test planning and test management.
- Context: Red Hat Linux, CentOS, Apache JMeter, Python, Jira.

01/2009-11/2011

Test Manager
Navteq (now HERE), Eschborn

Accomplishments

- Initiated load testing and performance tuning of multiple REST webservices.
- Building and leading a team of four performance test engineers.

Technologies

- Test planning and test management, Scrum
- Java, Apache JMeter, Oracle

01/2006-12/2008

Test Engineering Manager

NAVIGON (now Garmin), Würzburg

Accomplishments

- Developed and headed test strategy and test planning.
- Established a test team to support rearchitecture of core components and successful introduction in new product family.

Technologies & Principles

- Test planning and test management
- C++, CruiseControl, Subversion, Klocwork

01/2003-12/2005

Software Developer

NAVIGON (now Garmin), Würzburg

Accomplishments

- Advanced as C++, C# software developer a map data compiler tool.

Technologies

- C++, C#, VB6, Perl, MS SQL Server, Visual Studio, Subversion

EDUCATION

2019

Cloud DevOps Engineer (Nanodegree)

Udacity

- AWS services (EC2, CloudFormation, S3, EKS, lambda, Cloud9)
- CI/CD Systems (Jenkins)
- Configuration Management (Ansible, CloudFormation)
- Docker and Kubernetes

2002-2003

Applikations-Entwickler für Geo-Informationssysteme (GIS)

Siemens Business Services, Düsseldorf

1996-2001

Diplom-Geograph

Universität zu Köln

Major fields of study: Urban Planning and Geoinformatics

Diploma Thesis: „Postmoderne Stadtteilerneuerung am Beispiel einer Commercial Strip: Die Fallstudie Target Area Designation Program, Portland, OR (USA)“

1999-2000

Semesters abroad (Geography and Urban Studies)

Portland State University

1996-2000

Städtebau (City Planning)

Rheinische Friedrich-Wilhelms-Universität Bonn

Minor subject

CERTIFICATES

11/2019	DevOps Leader, DevOps Institute
10/2019	Lean Leader (Udemy)
02/2019	Agile Testing Fellow
06/2015	Lean Six Sigma White Belt
01/2015	intacs Provisional Assessor Automotive Spice
03/2011	Scrum Master
03/2009	ISTQB Certified Tester Foundation Level
05/2005	Sun Certified Programmer for Java 2 Platform 1.4

PUBLICATIONS

08/2020	Testability Guideline https://www.ditcraft.io/blog/testability-guideline
04/2018	Architecturally Aligned Testing InfoQ: https://www.infoq.com/articles/architecturally-aligned-testing
03/2017	What is Continuous Testing? Wordpress: https://testopsblog.wordpress.com/2017/03/29/what-is-continuous-testing
09/2016	Testing the Unexpected: A Shift Right in DevOps Testing StickyMinds: https://www.stickyminds.com/article/testing-unexpected-shift-right-devops-testing
04/2016	Production Like Performance Tests of Web-Services InfoQ: https://www.infoq.com/articles/performance-tests

TALKS

10/2018	Architecturally Aligned Testing - QS Tag, Frankfurt
05/2018	Continuous Testing Presentation – Quality Meetup, Berlin

LANGUAGES

English	business fluent
German	native language


Stefan Frieze