

## A. Personal Data:

Year of Birth: 1969  
Citizenship: German

## Professional Focus: AWS DevOps Engineer / Performance Engineer

Education: - Diploma Degree in Computer Science (UAS)  
- Master of Business Administration (MBA)

## B. DevOps-Skills (Extract):

DevOps: - AWS CloudFormation, CodeDeploy, Lambda, API Gateway, Swagger  
- Vagrant, Packer, Docker, Ansible  
- Linux (Amazon Linux, Arch, Ubuntu, Cent OS)  
- Jenkins Pipeline as Code, Travis CI

Programming Languages: - Python  
- Bash  
- XML / JSON / HTML  
- Javascript / JQuery / d3

Performance Tools: - TheGrinder, GoGrinder  
- JMeter  
- Loadrunner, VUGen, PerformanceCenter (HP)

Certifications and Trainings: 2017 AWS Certified Solution Architect Professional  
2015 AWS Certified Solution Architect  
2015 LPIC-1 Certification Linux Professional Institute  
2015 SUSE Certified Linux Administrator  
2009 ISTQB Certified Tester

Experience: **I am a DevOps full-stack engineer and performance engineer with 20 years of experience. I have been working on large enterprise projects with some of Europe's most distinguished companies.**

DevOps:	<p>As a DevOps solution architect, I provide infrastructure automation services within private and public clouds. I like uncharted territory and problems that are hard to solve.</p> <p>I love to: Advocate for, facilitate and create DevOps culture and automate everything with the right DevOps tools!</p> <p>Currently I focus on AWS consulting. I work in a fullstack microservices environment. I have the technical development expertise from backend persistence layer to the restful webservice layer, to client side javascript.</p> <p>Infrastructure-as-code unlocks the potential of cloud computing:</p> <ul style="list-style-type: none"><li>* AWS cloud services: I automate serverless architecture deployments using AWS Lambda, API Gateway, Swagger and API blueprints</li><li>* Scalable server stacks: Cloudformation, CodeDeploy, EC2, Docker</li></ul> <p>I also have practical development experience using DevOps tools like Docker and Hashicorp Vagrant, Packer in this setting.</p> <p>As a toolsmith I provide automation tools and templates using Jenkins and Travis.ci to teams, so they can test, build, and deploy their services. I drive the adoption of pipeline-as-code. I have experience in coaching and supporting teams (from 5 up to 80 developers).</p>
Performance Engineering:	<p>Excellent working knowledge in Performance-Test-Life-Cycle for enterprise applications. I competently cover the full life cycle of design, preparation, and implementation of test scenarios, test scripts and utility functions for performance testing using LoadRunner, JMeter, TheGrinder, Neoload, and other available tools.</p> <p>I support / execute testdata preparation and cleansing.</p> <p>I perform root cause analysis to detect memory leaks and bottlenecks in servers, databases and enterprise applications. I support and propose resolutions for performance tuning.</p> <p>From working in different settings, I have a lot of practical expertise in executing a performance test project from the start - including test infrastructure and defining a comprehensive performance plan which includes scope, performance requirements, approach, test deliverables, project deliverables, schedules, risk assessment, etc. My analysis and test reports support decision making for performance strategy and technology to use.</p>
Team Skills:	<p>Effective technical writing skills with hands on experience creating plans, documentation and status reports.</p> <p>Excellent oral and written communication skills (German, English), committed, quick learner, result oriented, smart working with a quest to take on new challenges and to learn new technologies.</p> <p>Dynamic team player, enthusiastic, and greatly motivated towards success and completion of projects. At the same time, highly capable of working independently.</p>

### C. Project Experience (Extract):

- 04/2018 – Customer: Miltenyi Biotech, Remote  
Title: Software Engineer  
Project: Fighting cancer with Python / Cell sorter app redesign  
Environment: Linux, Python  
Legacy System Redesign: Redesign, Refactoring, Test Automation  
Like a processing plant, a cell sorter involves complex components from different disciplines like chemical processes, optics, mechanics, hydro mechanics at nanometer scale. The "plant's" processes are controlled by a Python application. I was responsible for the complete redesign of the monolithic software into maintainable and testable packages and modules. After completion of the redesign I did most of the refactoring and introduced automated regression tests to the project.
- 06/2016 – 03/2018 Customer: Pro7 Digital & Glomex GmbH, Munich  
Title: DevOps Engineer with the SRE team  
Project: Global Media Exchange; Fullstack Video Platform  
Environment: AWS, Linux, CloudFormation, Lambda, Rest-Services  
DevOps: Python, Boto3, Troposphere, Docker, Ansible, Jenkins  
Refactoring and maintenance of cloud deployment tools for AWS Lambda, API Gateway, OpenAPI, Swagger, CloudFormation, CodeDeploy. Infrastructure-as-code and Jenkins pipeline-as-code templates for AWS fullstack microservices.
- 12/2015 – 05/2016 Customer: Uniserv, Amsterdam  
Title: DevOps Engineer with the DataHub Scrum team  
Project: Master Data Management, CDH Data Hub  
Environment: MongoDB, ElasticSearch, Soap- / Rest-Webservices, C#  
DevOps: Packer, Vagrant, Python, Bash, Jenkins 2.0, GoGrinder  
Introduced infrastructure-as-code and Jenkins pipeline-as-code for automated regression testing and continuous performance on AWS EC2.
- 06/2015 – 10/2015 Customer: E/D/E / E-Commerce, Munich & Wuppertal  
Title: DevOps Engineer  
Project: Toolineo.de / Marketplace for craftsman tools  
Environment: Java, Python, Soap- / Rest- Webservice, Solr, Hybris  
DevOps: Python, Bash, Ansible, Puppet, Vagrant, Jenkins  
Setup CI and test automation for automated regression testing using RobotFramework, Selenium and SoapUI. Infrastructure-as-code using Vagrant, Ansible + Puppet. Setup Grafana Performance Metrics. Concept, implementation and execution of performance tests for all marketplace applications using TheGrinder.
- 03/2014 – 03/2015 Customer: Payback GmbH / Customer Reward Systems, Munich  
Title: Test Engineer as member of onsite/architecture team  
Project: Payback Global framework  
Environment: Java, Python, Soap / Rest Webservice, Spring Batch  
CI: Jenkins, SoapUI, Groovy, Ansible, Vagrant  
Update test automation infrastructure and tests for batch-file-, Soap-, and Rest- interfaces.

Qualification Profile: Mark Fink - AWS DevOps Engineer / Performance Engineer

- 08/2013 – 02/2014      Customer: Fiducia IT AG / Private Banking, Munich  
Title: Test Engineer as member of an agile development team  
Project: JBF banking framework  
Environment: Java, Linux, Vaadin  
CI: Jenkins, Selenium  
Consulting, Update test automation infrastructure for Selenium / Webdriver tests.
- 07/2012 – 03/2013      Customer: Kühne & Nagel / Transport Logistics, Hamburg  
Title: Test Engineer as part of an agile / Scrum team  
Project: Ecommerce application  
Environment: Java, Linux, Oracle 11g, GWT, Pentaho  
CI: Fitnesse/Slim, Selenium, Jenkins  
New test automation infrastructure, migration of the existing automated regression test suite, exploratory testing, performance testing.
- 01/2012 – 06/2012      Customer: Kühne & Nagel / Transport Logistics, Hamburg  
Title: Test Engineer as part of an agile development team  
Project: Wireless sensor network infrastructure and frontend  
Environment: Java, Linux, Oracle 11g, AQ, JSP, Struts  
CI: Fitnesse/Slim, Selenium, Jenkins, Python, Jmeter, SoapUI  
My involvement included implementation and maintenance of the automated regression test suite from scratch, exploratory testing, performance testing. We included testing tours, automation stories and defect processing into a Kanban workflow.
- 08/2009 – 11/2011      Customer: Credit Suisse / Banking, Zurich  
Title: Performance Engineer within the technical testing team  
Project: Banking applications  
Environment: Java, Linux, (some .Net and C++)  
Performance: Loadrunner, TheGrinder, BurbProxy, Python  
I supported application teams through the whole cycle of performance tests from initiation to go-live decision.  
During my time at Credit Suisse I teamed up with more than 50 application teams. Usually I worked with two to three teams in parallel. I was responsible for the whole performance test cycle (plan, prepare, implement, execute, analyse, report).
- 05/2005 – 07/2009      Customer: Telefonica O2 / Telecommunications, Munich  
Title: Performance Engineer / Test Engineer  
Project: Order Logistic Backend / Logistic Callcenter Application  
Environment: Java, Oracle 11g, Hibernate, JSP, Struts  
CI: Fitnesse, Selenium, Jmeter, CruiseControl  
Significant performance and quality enhancements of the Java order- management application. Resolution of performance problems and system crashes due to the set-up of a performance test suite, continuous integration with automated builds and tests which ensure integrability and testability of the application at any time during development.
- 2001 – 2004              Employer: Logica CMG, Munich / System Integrator  
Title: Test Engineer