

## **PERSONAL DATA**

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Year of Birth: 1977  
Nationality: German  
Marital status: Married



## **SPECIALIZATION**

**Certified Kubernetes Administrator**, Interested in **Cloud Computing**, **DevOps** and **Hyperledger**. Practical experience in project management, release management, configuration management, quality assurance, automation, application lifecycle management (ALM). Structured and goal-oriented way of working. The ability to work independently as well as in a team (OnShore or OffShore).

## **WORK EXPERIENCE**

- 10.2021 – today Senior System Analysis Engineer at CARIAD SE in Munich (**2.5 Years**).
- 05.2015 – 09.2021 Lead Consultant at NTT DATA GmbH in Munich (**6.5 Years**).
- 12.2014 - 02.2015 Business Process & ALM Consultant at Knorr-Bremse in Munich (**3 Months**).
- 06.2008 - 11.2014 Senior Consultant at SQS Software Quality Systems AG in Cologne (**6.5 Years**).
- 04.2005 - 03.2007 Software-Developer at the University of Siegen (**2 Years**).

## **PROJECTS**

- 10.2021 – Today (2.5 Year) **Senior System Analysis Engineer at CARIAD SE:**  
**Ensured reliability for Backend Services across all VW Brands.**
  - Product Owner: Implementing Legal-Hold and e-Discovery for IT-Systems.
  - Execute Load and Performance tests for 14 million cars.
  - Developed and Implemented Test Scripts using JMeter and K6 (JavaSkript/Go).
  - Created a Java -based MQTT-Client to conduct Load Testing.
  - Automated Test infrastructure with Ansible and Terraform.
  - Established Monitoring and observability using Dynatrace, Grafana and Kibana/Elastic.
  - Conducted qualified analysis and effectively coordinated the resolution of incidents.
  - Provided vital support in implementing Site Reliability Engineering (SRE) practices.
  - Contributed to defining key performance indicators such as (SLA, SLO, SLI) for platform.
  - Analysed the potential implementation of Keptn with an SRE-focused approach.
  - Contributed to the development of the Platform infrastructure (Kubernetes on AWS).
- 01.2019 – 09.2021 (2.7 Years) **Test Manager at Fiducia & GAD IT AG:**  
**Consent Management: Connection PSD2 and YES in the bank applications.**
  - Test Management and Defect Management using JIRA, Confluence and Aqua.
  - Release manager for baselining and deploying backend services.
  - Test automation for Backend and Frontend using FitNesse, Postman and Protractor.
  - Automate the creation and preparation of test date.
  - Implement API-Services in Quarkus/Java to enable Test automation.
  - Deploy test infrastructure using Bitbucket, Jenkins and Docker on OpenShift.
  - Integrate test automation in CI/CD pipelines.
  - Monitor and analyse production problems with Dynatrace und Grafana.
  - Communicate und coordinate production incidents for solving with business.

- 01.2017 – 12.2018  
(2 Years) **Quality Assurance / Quality Management at BMW AG in Munich:**  
***ProFLEX: Flexibility Management for planning, ordering, purchasing and distribution.***
- Ensuring the quality of work products and maintenance of the ITPM process.
  - Planning the quality activities with the project management for current releases.
  - Planning, preparation and implementation of gateways, reviews & workshops.
  - Support the quality aspects of agile transformation.
  - Maintaining the Confluence environment for reviews and quality requirements.
  - Coordination with client and suppliers.
  - Methods & Tools: BMW ITPM, Scrum, Kanban, JIRA, Confluence, HP ALM.
- 05.2015 - 12.2016  
(1.7 Years) **Test Manager / Defect Management at BMW AG in Munich:**  
***RSPplus: Digitalization of the sales processes, vehicle configurator and financing.***
- Proactive advice and coach the project leader and project team in the test process.
  - Participation in ITPM gateways and reviews as reviewer.
  - Planning, controlling, and coordinating the testing activities for all stakeholders throughout the testing process. Reporting the test status and defect status.
  - Ensuring efficient information exchange and communication.
  - Methods & Tools: BMW-ITPM, Scrum, HP ALM.
- 12.2014 - 02.2015  
(3 Months) **Business Process & Application Consultant ALM at Knorr-Bremse in München:**
- Establishment of processes and methods for application lifecycle management.
  - Operation and further development of the ALM application MKS / PTC Integrity.
  - Installation and configuration of interface platform.
- 03.2014 - 11.2014  
(9 Months) **Test coordinator at Audi in Ingolstadt:**  
***Quality assurance of the services and apps for "Audi connect Navigation & Infotainment".***
- Test planning, test monitoring, test control and test execution.
  - Creation of test reports and statistics.
  - Coordination of onshore and offshore test teams.
  - Independent coordination of technical and technical details.
  - Methods and tools: Scrum, JIRA, HP-ALM.
- 03.2011 - 02.2014  
(3 Years) **Configuration Manager at MTU in Friedrichshafen:**  
***Drive system (Hybrid PowerPack) based on diesel engine, electric motor and battery.***
- Responsible for the configuration management, verification and validation (SPICE CL3).
  - Setting up the tool MKS/PTC Integrity. Training and supporting the project team.
  - Implementing the CI/CD using Jenkins and MKS/PTC Integrity.
- 08.2010 - 02.2011  
(7 Months) **Test Coordinator at Allianz in Vienna:**  
***A software solution for handling the business processes of Allianz AG.***
- Coordination of onshore and offshore test team.
  - Defining, planning and creation of the test process.
  - Analysing the test results. Discussion the test status report with the client.
  - Planning and scheduling defect-fix with IT.
  - Methods and tools: Waterfall, HP-ALM and TOSCA.

- 06.2008 - 07.2010 **Test Analyst / Tester at BG-Phoenix in Munich:**  
(2 Years) *A software solution for handling the business processes of statutory accident insurance.*
- Requirements analysis, test case creation, test automation, test execution.
  - Acceptance test, system test and regression test using SQS-TEST Professional 8.0 / 9.0.
  - Evaluation of test results, creation and retest of defect / bug fixes.
- 04.2005 - 03.2007 **Software developer at the University of Siegen:**  
(2 Years) *"Pulse Sequence Analysis": Solution for the analysis and evaluation of measurement data.*
- Independent coordination of technical and technical details.
  - Creation of technical and IT concepts.
  - Modulation of UML diagrams.
  - Software development in JAVA-SE, NetBeans, CVS.

## EDUCATION

- 10.1998 - 11.2007 Master Degree in Computer Engineering at the University of Siegen (M.Sc.).  
Subject of Diploma thesis with Grade: (1,7): „**Creating a Hardware-Oriented System-Design for the realization an modern, real-time Ethernet switch used in automation technology**”.
- 10.1997 - 09.1998 Preparatory Course at Technischen University Bergakademie Freiberg.
- 04.1997 - 09.1997 German language Course at Technischen University Bergakademie Freiberg.
- 07.1995 - 06.1996 High School at Al-Amir Hassan High School (Jordan).

## QUALIFICATIONS

- Certifications:
- Certified ScrumMaster®
  - Quality assurance in project according to ITPM (BMW AG)
  - iNTCCM®, Certified Professional for Configuration Management
  - IREB®, Certified Professional for Requirements Engineering
  - ISTQB®, Certified Tester, Foundation Level
  - Cloud Foundry Certified Developer
  - Certified Kubernetes Administrator
  - **(Planned)** Certified Kubernetes Security Specialist
  - **(Planned)** Certified Hyperledger Fabric Administrator
  - Documents: <http://dl.samerhijazi.net/priv/>



- Methodology:
- DevOps, Agile, SAFe, Waterfall, BMW ITPM, V-Modell, CMMI, SPICE.
  - DO-178B, DO-254, Object-oriented Analyse, Design with UML.

Programming: VHDL, C, C#, Java SE, JavaScript, XML, HTML, CSS, YAML.

Server-Systems: Apache Tomcat und NGINX.

Databank-Systems: MySQL, PostgreSQL, MongoDB, DB2 und Oracle.

Hyperledger: Knowledge in Hyperledger Fabric, Hyperledger Sawtooth.

Operating Systems: **Windows** und **LINUX** (Fedora, Ubuntu).

- IDE/Tools:
- Microsoft (Word, Excel, Access, Visio).
  - Xilinx ISE, Visual Studio, NetBeans, Eclipse, VS Code, Subversion, GIT.
  - MKS/PTC Integrity, HP ALM, TOSCA, Protactor, Postman, Redmine, JIRA, Confluence.
  - VirtualBox, Vagrant, Docker, Jenkins, Kubernetes, OpenShift, Cloud Foundry.
  - Ansible, Terraform, OpenStack, AWS

Languages: **German** (Business fluent). **English** (Business fluent). **Arabic** (Mother tongue).