



Stefan Strobel

Agile – IT – Security – Consulting

📍 Stuttgart

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CHARACTER

Hi! I am a consulting IT enthusiast.

Due to my natural interest in technology and the experience on both the implementation and coordination side I am greatly prepared to quickly deliver value.

For me, working in an organized manner together with a solid team is the key to success.

With my good endurance and strong will to find solutions, even the toughest challenge has been solved.

EXPERTISE

Architecture	=====
Scrum	=====
OIDC/OAuth	=====
IAM / CIAM	=====
JavaScript	=====
Java	=====

LANGUAGES

German	=====
English	=====
French	=====

EXPERIENCE

IT Freelancer (2019 - current)

> for details on projects, see next pages

Product Owner (2016 – 2019, Porsche AG)

- > Product owner of a cross-functional SCRUM team
- > Responsible for worldwide Consumer Identity & Access Management
- > Deep technical solution design and architecture definition
- > Bridging business and technological requirements into the product

Software Developer (2015 – current, StroWo)

- > Architecture definition, REST API structuring
- > Business process consulting & requirements engineering
- > Frontend development using AngularJS and Angular

IT Consultant (2012 – 2016, HPE)

- > Conception and implementation of Continuous Integration for standardized, automated, and tested software development
- > Guidance in architectural & development area at automotive OEM

EDUCATION

FOM Stuttgart (2014 - 2016)

M.Sc. IT Management (1.6)

DHBW Stuttgart (2009 - 2012)

B.Sc. Business Information Systems (1.8)

DETAILS

IAM Consultant

05/2020 – current

Description A nation-wide insurance needs assistance in building up, establishing, and integrating a new central Identity & Access Management solution. It involves the proper setup of the off-the-shelf product Ping Federate in their environment and transitioning internal and external applications from the existing solution to a standards-based setup. Special care needs to be taken of the business processes already set up. A key target is to provide a maintainable solution for the future, therefore full automation is one of the main aspects in this engagement.

Role(s) Security & IAM Consultant

Technologies SAML, OIDC, Kerberos, PKI, CI/CD, Linux, WS Trust

Tools Ping Federate, Jira, Confluence, Postman, ansible

Enterprise Architecture Consultant

02/2020 – 04/2020

Description This engagement is all about reviewing the current complete IT landscape of a mid-sized company in the healthcare sector. After years of inorganic growth, the client is challenged with a very heterogeneous technology setup. The project involves an analysis of the current architecture, business processes and integration level as well as the technology involved. Based on multiple factors, including the overall company strategy, a plan is being developed how to re-shape the overarching IT landscape of the customer. This is a conceptual engagement, working on the board / C-management level and involves therefore no concrete technologies or tools.

Role(s) Enterprise Architect

Technologies n.a.

Tools n.a.

IAM Solution Architect

11/2019 – current

Description Assisting the project management and leading the technical implementation of the enterprise access management solution at an international retail

company in Switzerland. The position involves the implementation roadmap, integration management with various internal applications and coordinating the infrastructure setup. The access management platform shall bring SSO functionality to 100.000 employees and partners.

- Role(s)** Solution Architect
- Technologies** SAML2, Radius, Kerberos, Linux, LDAP (DirX), PKI (certificate management), bash
- Tools** Jira, Confluence, Postman, Ping Federate, Jenkins, GitLab

Product Owner at Dr. Ing. h.c. F. Porsche AG

08/2016 – 08/2019

- Description** Product Owner responsible for an agile development team of 12 people. Tasks were ranging from defining user stories, establishing Scrum processes, stakeholder management, architecture discussions up to consulting other teams. The team is providing an Identity & Access Management (IAM) solution for a worldwide end-customer portal. The main challenges were to provide secure authentication at various touchpoints (software and hardware), comply with legal regulations and scaling the platform from a capacity point of view, expanding it from an on-premise data center to the AWS cloud infrastructure. Besides the conception of processes and software development, the team also took over the responsibility of running and maintaining the software (DevOps mode).

- Role(s)** Product Owner, Architect
- Technologies** OAuth, OpenID Connect, SAML2, AWS, LDAP (Oracle Unified Directory), Java, JavaScript (Angular), PKI (certificate management), bash, Web technologies, REST APIs, git, CDN, DNS
- Tools** Jira, Confluence, Postman, SOAP UI, Splunk, New Relic, Apache Directory Studio, CLI Tools, Ping Access, Ping Federate, SQL Developer, Jenkins, Bitbucket, GitHub, OneLogin, Apigee, Verizon Edgecast

Software Developer at StroWo GbR

2015 – current

- Description** Building a complete backend solution for a mid-sized bike rental company in Berlin in a team of just 2 people. The application is covering ticket and tour management, salary calculation, approval workflows and statistics. The application is written on a slim stack comprising MariaDB, php backend

(Laravel) and a frontend single page application (SPA) built on AngularJS. The engagement also includes consultancy for the customer with regards to rentability, business processes and cost/value estimation.

Besides this, another ongoing project started in 2019 to build up a dynamic platform for all businesses in Germany to provide legally required information on water usage. The application is written with Angular 7+. In addition to the architecture planning and programming, a CI solution was designed with Jenkins to deploy the application dynamically to different environments.

Role(s) Software Developer, Process Consultant

Technologies JavaScript (AngularJS, Angular 7), php (Laravel), SQL (MariaDB), REST APIs, git, Grunt, (S)CSS, Jenkins

Tools Atom, Visual Studio Code, Postman, Apache

IT Consultant at Hewlett Packard (Enterprise)

09/2012 – 07/2016

Description IT Consultant on a long-running project at a major German automotive manufacturer. This engagement comprised many smaller engagements in the broader context of a Continuous Integration Platform (CIP). It included the conception, implementation, extension, and lifecycle of the platform hosted in an on-premise data center. The platform was targeting software engineers developing applications for internal and external customers as well as backend services.

The purpose and big advantage of this platform was a standardized way in which software was built, tested, and automatically deployed. Its introduction was reducing the time needed for staging and deployments dramatically, whilst increasing the total amount and frequency of deployments and improving code quality. Besides the technical implementation and workshops for guidance and further integrations, the responsibility included the organization of 3rd level support.

Role(s) IT Consultant

Technologies bash, Java, SQL (Oracle), git, Maven, SLES

Tools Atom, Postman, Apache, SoapUI, Apache Tomcat, CLI Tools, Jenkins, Sonatype Nexus, Jira, Confluence, Crowd, SCM Manager, Bitbucket