

# Curriculum Vitae

## Personal details

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## About me

With over 10 years of experience in agile software development and architecture of large software projects I'm the right partner to support you in your journey.

From transforming your existing architecture to cloud-native architectures, to lead development in backend and frontend projects, to optimizing your development processes, I'm looking to help your projects with my knowledge.

## Core competencies

- Lead development in backend and frontend projects
- API design and Cloud-native architectures
- Long-standing experience in E-Commerce
- Further development of existing software
- Choosing tech stacks and feasibility analysis

## Skills

Java / Spring	TypeScript / JavaScript / NodeJS	Angular / React / NextJS
SAP Commerce (Hybris)	AWS / Serverless Framework	GraphQL
Cloud architectures	Microservices	CSS / SASS
Lead Development	Containerization / Docker	RxJS
MongoDB / MySQL	ElasticSearch / Solr / Fredhopper	Cypress / Jest / Selenium / JUnit
Scrum / Agile methods	Project management	OSGi

## Certifications

- IPMA Certified Project Management Associate (Level D)
- iSAQB Certified Professional for Software Architecture (CPSA-F)
- SAP Certified Development Professional - Hybris Commerce 6.2 Developer
- Oracle Certified Java SE 7 Programmer

## Project history

05/2021 – now

### **Cloud Developer / Software Architect – AWS, Serverless, GraphQL**

B/S/H/ Hausgeräte GmbH (>10.000 employees)

**Architectural tasks, customer consultation and cloud development** for the transformation of a monolithic architecture to a cloud architecture (MACH) for a shop platform (SAP Hybris) with 300+ websites of an international international operating manufacturer of home appliances.

- Analysis of technical requirements and requirements engineering
- Implementation of a cloud-native system for product data consolidation (ETL) in AWS
- Work in an interdisciplinary and international environment
- Implementation of the GraphQL server
- Design and implementation of microservices
- Interface and infrastructure design

11/2022 – now

### **Cloud Developer / Software Architect – AWS, Serverless**

B/S/H/ Hausgeräte GmbH (>10.000 employees)

**Payments API – Designing and developing a serverless application** as a payment gateway to allow the communication to multiple payment via one unified interface.

- Requirements analysis & architectural design
- Implementation of an AWS application using the Serverless framework & TypeScript/NodeJS
- Standardization of the interface for various payment providers
- Implementation of testing & CI/CD

02/2020 – 01/2023

### **Lead Developer / Software Architect – Angular, JavaEE**

Arctis UG (haftungsbeschränkt) (< 10 employees)

**ScrumBuddy** - Tool for online retrospectives with whiteboard functionalities to support Scrum projects.

- Conception, design and implementation of essential parts of the project
- Backend implementation of JavaEE microservices with Quarkus
- Application design, UX/UI conception
- Frontend implementation with Angular

10/2017 – 05/2021

### **Fullstack Developer / Software Architect – SAP Hybris**

B/S/H/ Hausgeräte GmbH (>10.000 employees)

**Further development of an SAP Hybris-based online shop platform** for 300+ websites of an internationally operating manufacturer of household appliances.

- Consulting for the customer
- Analysis of business requirements and requirements engineering
- Lead development in backend and frontend
- Member of the platform architecture committee
- Integration of various third-party providers

01/2020 – 05/2020

### **Cloud Developer – Amazon AWS**

B/S/H/ Hausgeräte GmbH (>10.000 employees)

**AWS-based content crawler** for content indexing of 300+ websites of an internationally operating manufacturer of household appliances.

- Conception and design of the cloud architecture in Amazon's AWS
- Planning and implementation of a NodeJS application with TypeScript
- Docker configuration for productive operation
- Implementation of CI/CD pipelines
- ElasticSearch indexing

06/2016 – 09/2017

### **Lead Developer / Software Architect – SAP Hybris**

HABA Group B.V. & Co.KG (1000-5000 employees)

**Further development of several hybris 5.x-based webshops** for the brands of the HABA family of companies.

- Analysis of the technical requirements
- Definition of guidelines and framework conditions
- Conception of a uniform basis of modules for all shops of the platform
- Backend and frontend development
- Standardisation of extensions and add-ons for common use
- Redesign of the build and deployment processes for the entire shop landscape (via Jenkins)
- Connection to the generic export system

02/2016 – 09/2017

### **Lead Developer / Software Architect – Java, OSGi**

HABA Group B.V. & Co.KG (1000-5000 employees)

**GenEx** - Generic export system (ETL) for the consolidation and provision of product data.

- Design of a generic product data model for the Haba family of companies based on the OASIS Universal Business Language (UBL 2.1).
- Development of a system based on OSGi (Apache Karaf)
- Data provision of product data to third parties
- Generalisation of imports in the connected webshops
- Provision of product lists in company areas such as BI

02/2015 – 09/2017

### **IT Architect**

HABA Group B.V. & Co.KG (1000-5000 employees)

**Member of the architecture board** of the HABA family of companies.

- Participation in the development of a family-wide IT strategy
- Formulation of IT architecture principles and development standards
- Technology evaluations and driving innovation
- Definition of IT policies, guidelines and frameworks
- Feasibility analyses
- Agreements on current issues and tasks

10/2015 – 05/2016

**Software Architect / Project Manager - JAVA, OSGi**

HABA Group B.V. & Co.KG (1000-5000 employees)

**PayGate** - internal system for payment processing and connection of payment providers.

- Analysis of the system requirements
- Conceptual design based on functional and non-functional requirements
- Planning of a highly available Apache Karaf and Camel based OSGi application

04/2013 – 05/2016

**Software Developer - SAP Hybris**

HABA Group B.V. & Co.KG (1000-5000 employees)

**Development of the Wehrfritz online shop** based on SAP Hybris 5.x.

- Planning and conception of the webshop based on the Hybris Accelerator
- New development of extensions and addons for the shop system
- Implementation of components in the WCMS environment
- Implementation of the search logic with Apache Solr
- Data imports from different systems via Camel (hybris PIM, IBM Power7 & Microsoft Dynamics AX)

05/2011 – 05/2016

**Software Developer – Java, Spring**

HABA Group B.V. & Co.KG (1000-5000 employees)

- Development of internal Java-based custom software
- Mapping of various ERP processes
- Adaptation of JBoss services with EJBs
- Implementation of fat client interfaces with Java Swing

04/2012 – 05/2013

**Software Developer – Java, Spring**

HABA Group B.V. & Co.KG (1000-5000 employees)

**Digital report book** - Internal software for digital storage and signature of weekly report books of trainees.

- Development of a Spring-based web application
- Analysis of the technical requirements
- Planning, conception and implementation of a Spring-based web application

09/2010 – 06/2013

**Apprenticeship for Computer Science Expert – Software Development**

HABA Group B.V. & Co.KG (1000-5000 employees)