# Markus Herzog

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## **About Me**

Since graduating from the University of Stralsund in 2000 with a degree in Business Information Technology, I've been developing software, mostly web applications using databases. My strengths lie in the ability to create solid technical concepts and to code backend logic; I feel comfortable with frontend code as well.

### Work

Self-employed, since 2014

interactive tools (since Sep 2019)

Backend Application for content heavy customer website (Java, Spring, FirstSpirit CMS)

Deutsche Krebsgesellschaft (since Sep 2017)

Application for statistically analysing cancer research documents (ElasticSearch, Kibana, AngularJS, MongoDB)

EXP360 (Mai 2016 - Aug 2019)

Control Center/Backend for a VR solution (Ruby on Rails)

xBAV (Jan 2019 - Apr 2019)

Platform for managing retirement plans, including a form generator (Ruby on Rails)

IT-Rockstars (Oct 2015 - Mai 2018)

Survey platform (Java, Spring, AngularJS)
Telemedicine web application (Java, Spring, Hibernate)

SI Labs (Oct 2017 - Dec 2017)

Credit score monitoring web application (Java, Spring, Microservices)

Kreuzwerker (Mai 2016 - Nov 2016)

Video selling app for cruise lines (React, CouchDB)

Added NLP feature to a publishing software (AngularJS, Python, spaCy)

OmniTrail (Mar 2015 - Apr 2016)

Real-time UI for their micro-location technology (AngularJS, LeafletJS)

Kids R Kids (Aug 2015 - Apr 2016)

Web-based management tool (Ruby on Rails)

Amazers (Juni 2015 - Feb 2016)

SaaS-platform for communities (Ruby on Rails)

Pears Media (Feb 2015 - Dec 2015)

Web-based campaigns for healthcare professionals (HTML5, CSS)

TrailStone (Nov 2014 - Jan 2015)

Desktop app for trading at the Deutsche Börse (Java, JavaFX, RabbitMQ)

Senior IT-Developer, Pixelpark AG, 2010 - 2014

Sparkasse Immobilien

As technical lead I have continuously developed new features in the frontend (PHP), backend, web service interfaces and supporting tools (Java, SOAP)

Sparkasse

As the lead developer of a dev team I have developed promotional campaign websites with PHP, Cake and Symfony

Mercedes Benz

I have developed a web application used for searching nearby dealers using Ruby, Sinatra and MongoDB

Berlin Airports

I have built web services used as backends for the Android and iOS apps, including a push service and a passbook service (PHP, Zend, Ruby, Sinatra)

## Senior Developer, bsmo GmbH, 2003 - 2010

## MediaDaten Online / Zimpel Online

As head of a dev team I have designed the technical architecture of and developed a complex web application using Java and Spring

#### bsmo GmbH

I have architectured and developed a web application used as a CRM tool by in-house call-centers (Java, Struts)

## IT-Developer, IT-Administrator, Pixelpark AG, 2000 - 2003

I worked at projects using technologies such as Java, JSP, Struts, Hybris, SAP Java Connector, ColdFusion

Working as an administrator I have installed, configured and monitored server software (Solaris, Apache Web Server, Apache Tomcat, Bea Weblogic, etc.) for web sites such as www.sparkasse.de, www.barmer.de, www.bertelsmann.com, www.moneymaxx.de

## Volunteer work/private projects

#### Immergut Festival

I have applied a new design to their website every year since 2010, offered consulting and support with all online related matters.

2014 I rebuilt everything from scratch with Ruby on Rails: a content management system to fit their individual needs and a website that is both fast and fun to use: http://www.immergutrocken.de (Ruby on Rails)

### Mixkeepr.

With this project I was scratching my own itch: A way to archive my Discover Weekly playlists on Spotify. A first working prototype was quickly done in September 2015; at the time of this writing (Summer 2018), over 4000 users have used https://www.mixkeepr.com so far (Ruby on Rails)

#### Pumps Of Berlin

This hobby project started in early 2015 as a crowdsourced map of locations with public bike air pumps: http://www.pumpsofberlin.com (AngularJS, Ruby, Sinatra)