

# 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

#### Deutsche Krebsgesellschaft

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

#### IT-Rockstars

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

#### EXP360

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

#### SI Labs

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

#### Kreuzwerker

Video selling app for cruise lines (React, CouchDB)  
Added NLP feature to a publishing software (AngularJS, Python, spaCy)

#### OmniTrail

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

Amazers

SaaS-platform for communities (Ruby on Rails)

Kids R Kids

Web-based management tool (Ruby on Rails)

Pears Media

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

TrailStone

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)

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 architected 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 Webserver, Apache Tomcat, Bea Weblogic, etc.) for web sites such as [www.sparkasse.de](http://www.sparkasse.de), [www.barmer.de](http://www.barmer.de), [www.bertelsmann.com](http://www.bertelsmann.com), [www.moneymaxx.de](http://www.moneymaxx.de)

## Volunteer work/private projects

### Immergut Festival

I have applied a new design to their web site 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 3500 users have used <http://www.mixkeepr.com> so far (Ruby on Rails)

### Pumps Of Berlin

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