

# Florian Vallen

SOFTWARE ENGINEER · WEB DEVELOPER

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*“There are two major products that come out of Berkeley: LSD and UNIX. We don't believe this to be a coincidence”  
Jeremy S. Anderson*

## Skills

<b>Programming</b>	Ruby, javascript (ES6), Typescript, Ruby, JAVA, PHP, JRuby
<b>Databases</b>	SQL, MongoDB, postgres
<b>Libraries</b>	Rails, Rspec, Next.js, React (Native), Redux, HTML5, CSS3, Node.JS, leaflet, bootstrap, jquery, loadash, cucumber
<b>Services</b>	Heroku, Aptible, Cloud66, AWS S3
<b>General</b>	TDD, ESP32, microcontrollers
<b>Languages</b>	English (Full professional proficiency), German (native language), Spanish (good)

## Work experience

### HelloBetter

NEXT.JS FRONTEND DEVELOPMENT

- Next.js development with typescript
- Development of three separate apps connected with microservices in the backend

Berlin, Germany

October 2019 - July 2021

### Hitchlog

MAINTAINER OF A SOCIAL NETWORK FOR HITCHHIKERS

- open source hobby project used by over a thousand hitchhikers
- TDD Ruby on Rails development of features, bugfixes and testing
- Community management

Berlin, Germany

2013 - present

### Devolute, Finiata

RUBY SOFTWARE DEVELOPER, FREELANCER

- Rails 5.2
- Creating and testing a service object that communicates with an API of a credit card service
- Performance improvement of rails API that communicates with a react app

Berlin, Germany

September 2017 - February 2018

### AskCharlie

RUBY SOFTWARE DEVELOPER, FREELANCER

- Ruby on Rails Development
- Applying a redesign to make it more mobile friendly.
- Develop a RESTful API in rails that communicates with an Angular app

Berlin, Germany

November. 2015 - August 2016

### Inspire9

RUBY ON RAILS DEVELOPER

- Ruby on Rails Development
- Software Consultancy
- Development of a social network with backbone.js

Melbourne, Australia

June 2013 - January 2014

### Wimdu

RUBY ON RAILS DEVELOPER

- Fulltext search engine for listings

Berlin, Germany

May 2012 - July 2012

### Wuaki.tv

RUBY ON RAILS DEVELOPER

- Web development
- Job queues with delayed job

Barcelona, Spain

October 2010 - March 2011

### Teambox

RUBY ON RAILS DEVELOPER

- Rails web development

Barcelona, Spain

June 2009 - November 2009

## Education

## Heinrich-Heine-University

BACHELOR OF COMPUTER SCIENCE

- Erasmus exchange program absolved at technical university in Madrid
- Thesis: A Comparison Of No SQL And SQL Databases Regarding Development Practices And Performance.

Düsseldorf

Sep. 2006 - Sep. 2010

## Albert Einstein Gymnasium

HIGH SCHOOL DIPLOMA (GERMAN ABITUR)

Duisburg

1997 - 2006

## Research

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### A Comparison Of NoSQL And SQL Databases Regarding Development Practices And Performance

Düsseldorf, Germany

BACHELOR THESIS

Aug. 2010

This thesis analyses the current development status of NoSql databases. It first describes the general properties of NoSQL databases that can make them a favourable choice. Then it concentrates specifically on document-oriented and key-value stores, which are different kinds of NoSQL databases. The document-oriented database MongoDB has been taken as an example to show the basic functionality of such a NoSQL database.

## Projects

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### Asteroid field simulation

Open Source Project

PRIVATE

<https://hitchlog.com>

- Development of an open source rails project where users can share and explore hitchhiking experiences.