

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”

Education

Heinrich-Heine-University

BACHELOR OF COMPUTER SCIENCE

- Erasmus exchange program absolved at technical university in Madrid
- Thesis: A Comparison Of NoSQL And SQL Databases Regarding Development Practices And Performance.

Düsseldorf

Sep. 2006 - 2010

Albert Einstein Gymnasium

HIGH SCHOOL DIPLOMA (GERMAN ABITUR)

Duisburg

Mai. 1997 - Mar. 2006

Skills

Programming	Ruby, Ruby on Rails, javascript, ES6, C, Arduino, Java, JRuby
Databases	postgresql, MongoDB, couchDB
Editor	Vim (preferred), vscode, atom
Libraries	Rails, Jekyll, Rspec, React, HTML5, CSS3, bootstrap, jquery
Services	Heroku, Aptible, Cloud66, AWS S3
General	TDD, ESP32, microcontrollers
Languages	English (good) , German (native language), Spanish (medium)

Experience

Hitchlog

MAINTAINER OF A SOCIAL NETWORK FOR HITCHHIKERS

- open source hobby project used by over a thousand hitchhikers
- Development of features, bugfixes and testing in ruby on rails
- Community management

Berlin

2013 - PRESENT

Devolute, Finiata

RUBY SOFTWARE DEVELOPER, FREELANCER

- Rails 5.2, Microservices
- Creating and testing a service object that communicates with an API of a creditcard service (ruby, rails)
- 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 Developer
- Applying a redesign of the page to make it more mobile friendly.
- Develop RESTful API in rails that communicates with an Angular app.
- Implementing new features.

Berlin, Germany

November 2015 – August 2016

Inspire9

RUBY SOFTWARE DEVELOPER, BACKBONE.JS

- Ruby on Rails Developer
- Software Consultancy
- Developing a social network app with backbone.js

Melbourne, Australia

June 2013 – January 2014

Wimdu

RUBY SOFTWARE DEVELOPER, FREELANCER

- Ruby on Rails Developer
- Fulltext search engine for listings

Berlin, Germany

May 2012 – July 2012

Wuaki.tv

RUBY SOFTWARE DEVELOPER, FREELANCER

- Ruby on Rails Developer
- Job queues with delayed job
- Development of front- and backend

Barcelona, Spain

December 2010 – March 2011

Soulpeddler

RUBY SOFTWARE DEVELOPER, FREELANCER

- Ruby on Rails Developer
- Internationalization of the application

Essen, Germany

March 2010 – October 2010

Teambox

RUBY SOFTWARE DEVELOPER, FREELANCER

- Development of front-/backend

Barcelona, Spain

June 2009 – November 2009

Projects

founder of Hitchlog

OPEN SOURCE PROJECT

An open source rails project where users can share and explore hitchhiking experiences.

Ruby on rails, js

<https://www.hitchlog.com/>

<https://github.com/flov/hitchlog/>

Research

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

Berlin, 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.