Florian **Vallen**

SOFTWARE ENGINEER · WEB DEVELOPER

Luetznerstr. 68, 04177 Leipzig, Germany

☐ (+49) 17641941740 | ✉ florian.vallen@gmail.com | ⌂ flov.github.io | ⊙ flov | ⓢ flov | in florianv

"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

Programming	Typescript, Ruby, JAVA
AI	Usage of Stable Diffusion and Flux together with Comfyui to generate images using a prompt
Databases	SQL, MongoDB, postgres
Libaries	**Next.js**, **React**, React Native, **GraphQL**, **Jest**, **Playwright**, **Rails**, **Rspec**, tailwind, Node.JS, leaflet, bootstrap, jquery, materialUI, shadcn
Services	Heroku, Aptible, Cloud66, AWS ECR, AWS EC2
General	TDD, ESP32, micocontrollers
Languages	English (Full professional proficiency), German (native language), Spanish (good)

Work experience

New Work SE
Hamburg, Germany

FULL STACK DEVELOPER WITH RUBY AND REACT/NEXT.JS — *January 2023 - March 2026*

- Implementation of GDPR and new EU DSA laws
- Management of storybook component library
- maintenance of several Ruby on Rails admin apps
- Next.js v15 development using react server components
- Kubernetes cluster management and deployment of containerized applications
- Built fully automated CI/CD pipelines on Github Actions for containerized applications using Docker, Kubernetes and AWS ECR.

Hitchlog
Leipzig, Germany

FOUNDER & SOFTWARE ENGINEER OF THE HITCHLOG - A LOGBOOK FOR HITCHHIKERS — *2013 - present*

- My open source hobby project used by over a thousand hitchhikers
- Development of Next.js app together with Ruby on Rails api
- Test driven development of the Rails API
- Community management

HelloBetter
Berlin, Germany

NEXT.JS FRONTEND DEVELOPMENT — *October 2019 - November 2022*

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

Devolute, Finiata, Redbull
Berlin, Germany

RUBY SOFTWARE DEVELOPER, FREELANCER — *September 2017 - July 2019*

- 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

AskCharlie
Berlin, Germany

RUBY SOFTWARE DEVELOPER, FREELANCER — *November. 2015 - August 2017*

- 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

Inspire9
Melbourne, Australia

RUBY ON RAILS DEVELOPER — *June 2013 - January 2014*

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

Wimdu
Berlin, Germany

RUBY ON RAILS DEVELOPER — *May 2012 - July 2012*

- Fulltext search engine for listings

Wuaki.tv   *Barcelona, Spain*

RUBY ON RAILS DEVELOPER   *October 2010 - March 2011*

- Web development
- Job queues with delayed job

Teambox   *Barcelona, Spain*

RUBY ON RAILS DEVELOPER   *June 2009 - November 2009*

- Rails web development

Education

Heinrich-Heine-University   *Düsseldorf*

BACHELOR OF COMPUTER SCIENCE   *Sep. 2006 - Sep. 2010*

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

Albert Einstein Gymnasium   *Duisburg*

HIGH SCHOOL DIPLOMA (GERMAN ABITUR)   *1997 - 2006*

Research

**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

Hitchlog - social network for hitchhikers   *Open Source Project*

PRIVATE   *https://hitchlog.com*

- As a young 19 year old, I found hitchhiking as an adventorous way of travelling. Since I found it very interesting to meet people that I would never meet in my day to day life, I founded this app to write about my hitchhiking experiences and the people that I met along the way.
- Development of an open source rails/react project where users can share and explore hitchhiking experiences.
- source code is available on https://github.com/flov/hitchlog-api and https://github.com/flov/hitchlog-nextjs