
CV - JULIAN WEBER

BASIC INFORMATION

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WORK EXPERIENCE & PROJECTS

DEVELOPER/TRAINER, FREELANCER

- Development & DevOps
 - DevOps Automation
 - Continuous Integration
 - build processes
 - automated testing
 - tools and software
 - Web API design (REST)
 - Hosting environment setup
 - Terraform
 - Cloud Foundry
 - Kubernetes
 - Heroku
- Backend software development (Ruby + Trailblazer [<http://trailblazer.to/>])
 - API development

- Full stack web development (Ruby on Rails, Golang)
- Training/Consulting for the following topics:
 - Platform as a Service
 - Web Application Development
 - 12 Factor Application Development
 - Project management for software projects
 - Lean Engineering
 - DevOps
 - REST API design
 - Kanban
 - Cloud Foundry
 - Terraform
 - Ruby & Ruby on Rails
 - See the list of projects below

FREELANCER PROJECTS

- **Volkswagen GITC - Cloud Foundry Operations - 07/2019 - Now**
 - DevOp for multiple Open Source Cloud Foundry installations
 - 7 platform environments + 1 Support environment
 - Cloud Foundry systems installed on OpenStack IaaS
 - Used Software
 - BOSH, Terraform, Cloud Foundry, Concourse CI, Elastic Search, Redis, RabbitMQ, Maria DB, Prometheus, Grafana, Elastic Search, Kibana, HAproxy, Open Source app-autoscaler, Shield, Docker, Harbor
- **AG Force - Kubernetes on AWS DevOp - 01/2019 - Now**
 - Architecture, Installation and Operations for Kubernetes Cluster run on AWS

- Consulting Ruby App Development team in designing their software for Cloud deployment and automation
- Used Software
 - Terraform, AWS, Kubernetes, Helm, Docker, Ruby, Ruby on Rails, Prometheus, Nginx, Grafana, Postgres, Redis, Circle CI, Gitlab CI, LogDNA
- **Bosch.IO - Trainer - 06/2018 - Now**
 - Conception, implementation & training execution in DevOps topics
 - Main goal: Get legacy developers into the DevOp mindset and tools

DEVELOPER, FANOMENA GMBH, SAARBRÜCKEN 06/2016-08/2018

- Development, support & operations of ruby web applications
- API Design
- Contract development in customer projects
- CRM integrations (hileadzz product integration)
- Online user tracking & data mining
- Projects
 - eventbaxx - digital marketing solution
 - hileadzz - Lead capturing & management software
 - sponsorpool - Rapid prototyping: sponsor management and matching system

DEVELOPER/DEVOP/TRAINER, AVARTEQ GMBH, SAARBRÜCKEN 02/2013-05/2016

- *Avarteq projects*
 - Terry Tate - evaluation component connected to the SaaS time tracking software HarvestApp (Ruby, Harvest, MySQL)

- Order Management - Project administration with tracked work hour reviews by project managers and automated export into a connected ERP system (Ruby on Rails, Twitter Bootstrap, Handlebars.js, Harvest)
- Fancy Vacations - Vacation calendar with notifications to employees including vacation requests and notification of illness (Ruby on Rails, ActiveAdmin, PostgreSQL)
- Sameness - Identity management and assignment of accounts to employees
- Chamberlain - Project management service for workflow automation of on boarding and off boarding of employees within the company
- *anynines projects*
 - any nines development team - Software architect
 - cf_billing - Billing component for creating invoices from Cloud Foundry usage events with automated export to the connected ERP system (Ruby, Clockwork, Cloud Foundry, Rails-API, MongoDB, PostgreSQL)
 - anynines Service Framework - Software architecture and implementation of a micro service bases system for integrating backing services for Cloud Foundry or other PaaS systems (Ruby, PostgreSQL, OpenStack Swift, RabbitMQ, MongoDB, Redis)
 - Automation of Cloud Foundry and web app deployments using BOSH & Terraform on OpenStack and AWS
 - any nines Training Department - Team Lead
 - Independent planning and execution of talks and workshops with focus on DevOps & Cloud Foundry
 - Preparation and execution of internal & external trainings for software architecture (micro services, 12 factor apps), DevOps principles, agile development methods, team management & Kanban
 - Training of new developer employees in DevOps topics for the any nines project
 - Creation of blog posts within the anynines content marketing pipeline
 - any nines Public Platform as a Service Hosting - DevOps Team Lead
 - Management of the anynines DevOp Teams

- Operations of a Cloud Foundry public SaaS installation (> 100 virtual machines on OpenStack IaaS)
- Development of automated BOSH releases for configuring and managing PostgreSQL, MongoDB, RabbitMQ & Redis
- Europeana EU Project - Consulting & DevOps Team Lead
 - Management & consulting for the Europeana EU project for the European cultural database
 - Operations of the Europeana micro service architecture hosted on OpenStack & Cloud Foundry
 - DevOps & Consulting for Java and ruby micro services
 - DevOps & Consulting of backing services MongoDB, PostgreSQL, Neo4J, SOLR, Redis

SOFTWARE DEVELOPER, IMC AG, SAARBRÜCKEN - 08/2010-02/2013

- ROLE EU Project
 - Architecture & development of the „Rich Media Content Search Service“ & „Rich Media Content Search Widgets“ for simplifying search of multimedia content on several web portals (Java, Javascript, CSS, HTML, SQL, REST)
 - Architecture & development of a OAI-PMH harvester for crawling meta-databases (Java, Servlets, Tomcat, JBoss)
 - Web-Widget development within the Opensocial-API (Javascript, CSS, HTML)
- Mirror EU Project
 - Conception, architecture & development of the „Learning Diary“-App & meeting Space SDKs based on iOS (Objective-C, XMPP, REST)
 - The learning diary app focused on managing and executing learn goals connected to media and web content

WORKING STUDENT, DHC GMBH, SAARBRÜCKEN - 07/2007-05/2010

- Implementation of tests for database extensions for Roche (med.) (PLSQL, Oracle SQL)
- Design and Implementation of a migration tool for transferring key figures from one database version into another format (C#, .Net, XML, Oracle SQL, PLSQL)
- Development DHC Vision
 - Architecture, design & implementation of the main management tool for configuring and administration of the process management software DHC Vision (C#, .Net, XML, Oracle, MSSQL, MySQL, Windows7, Windows Server 2008)

SKILLS

PROGRAMMING LANGUAGES & ENVIRONMENTS

- Ruby
 - Ruby on Rails
 - Trailblazer
 - Rails API, Grape, RSpec, Capybara, Sinatra, Clockwork, ActiveAdmin, DelayedJob & additional Frameworks/Libraries
- Javascript
 - Node.js Basics
 - Angular JS Basics
 - Vue.js Basics
- Advanced BASH Unix-Shell Scripting - Deployment Automation & Management
- PaaS & IaaS
 - Cloud Foundry, Heroku, Google App Engine
 - OpenStack, Amazon AWS

- Deployment & IaaS Automation - Terraform, BOSH, Docker, Chef, Capistrano, Kubernetes, Gitlab CI
- Databases
 - SQL - PostgreSQL, MySQL, Oracle, MSSQL
 - NoSQL - MongoDB, Redis, Neo4J, Cassandra
 - BLOB Stores - OpenStack Swift, Amazon S3
- XML, JSON, HTML, CSS
- Java, Native JSP & Spring Framework Basics
- C#, VB, .Net
- Unity 3D - Virtual Reality Development
- C, C++
- Objective-C, Cocoa Touch (iOS SDK)
- Google Golang - Basics

OPERATING SYSTEMS

- Unix (Ubuntu, Debian, Slackware, Gentoo, Solaris)
- Apple Mac OS X
- Microsoft Windows (V3.11 - Windows 7)

DEVELOPMENT TOOLS

- DevOps: Terraform, Ansible, BOSH, Concourse, Prometheus, Grafana, Elastic Search, Kibana, Cloud Foundry, Heroku, AWS, OpenStack
- VIM, Atom, Textmate, Sublime, RubyMine, Visual Studio Code, Unity 3D
- Testing & Continuous Integration - RSpec, Capybara, Jenkins, Concourse, Gitlab CI, Circle CI
- Knowledge databases - MediaWiki, Discourse, Confluence
- Version Control - GIT & SVN
- Apple XCode

SOFTWARE ARCHITECTURE & PROCESSES

- Object oriented design: SOLID, Design Patterns
- Domain Driven Design, Micro-Service architectures
- 12 Factor Applications
- Continuous Integration/Delivery/Deployment
- Server automation
- DevOps workflows

PROJECT MANAGEMENT

- Team lead experience in DevOps and application development teams (anynines, Fanomena)
- Kanban - Kanbanery, Kanbanize, Jira, Trello
- Scrum
- Getting Things Done - Omnifocus
- Roadmap Management - Omniplan

EDUCATION

08/1996 - 07/2005

Gymnasium am Rotenbühl Saarbrücken - Graduation from High School

09/2005 - 08/2006

Community Service at Landessportverband Saar - Saarländischer Basketball Bund - Basketball trainer and IT administrator

WS 2006 - SS 2009

Universität des Saarlandes - Bachelor studies of computer science

WS 2009 - SS 2012

Hochschule für Technik und Wirtschaft Saarbrücken - studies and graduation in applied computer science (Bachelor of science)

PERSONAL INTERESTS

Software architecture, Virtual Reality, new technology, team building, guitar, piano, music production