CV - JULIAN WEBER

BASIC INFORMATION

Name	Julian Weber
Address	Kantstraße 6
	66292 Riegelsberg
Phone	01575 / 8364239
Email	julianweberdev@gmail.com
Github	github.com/julweber
LinkedIn	linkedin.com/in/julianweberdev

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 (Python, Ruby + Trailblazer [http://trailblazer.to/])
    - API development

- Full stack web development (Ruby on Rails, Python, 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

- **Bernard Krone Holding SE & Co. KG - 01/2021 - Now**

  - Designing and Implementing a Kubernetes based CI/CD solution for testing and deploying applications. (Using Kubementat)

  - Automating Build and Deployment and Monitoring processes & Infrastructure as Code configuration

  - Used technologies

    - Terraform, Kubernetes, Tekton CI, Tekton triggers, Gitlab & Github Webhooks, Docker, Helm, Shell-Scripts, git-crypt, python, jq, linkerd, Apache superset, …

      - See: https://github.com/Kubementat/kubementat

- **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 technologies

  - 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 - 02/2021**

  - 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*

  - anynines 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

  - anynines 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

- anynines 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

- Python (Django)

- Java, Native JSP & Spring Framework Basics

- C#, VB, .Net

- Unity 3D - Virtual Reality Development

- 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, Science, Guitar, Piano, Music production