CURRICULUM VITAE OF

Oliver Kiessler

Latest update: 13/05/2025

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HTTPS://WWW.LINKEDIN.COM/IN/OKIESS/

PROFILE

My name is Oliver Kiessler and I am a freelance fullstack developer from Cologne, Germany. I specialize in web applications (Angular, Ruby on Rails) and API backend solutions (NodeJS, AWS Lambda & Amplify, Serverless Framework / AWS SAM, Java).

As an experienced fullstack software developer and IT consultant, I independently take on projects/assignments on a freelance basis or support your company as part of your team.

CURRENT TOP SKILLS

Javascript / Typescript, NodeJS, Angular, AWS-certified, Serverless / SAM / Microservices / AWS Lambda / API

PROJECTS

In descending chronological order

SAMSON D41 - FULLSTACK DEVELOPMENT (2024 - 2025)

Peak One GmbH, Hamburg, Germany
Samson AG, Frankfurt, Germany

Member of the webdevelopment team and responsible for one of the central API's (microservice),

Scope of work:
FullStack software development

Technologies used:
NodeJS 20, Typescript, Angular, AWS Cloud (ECS / Kubernetes), MongoDB / DocumentDB, Git, Jira, Unit testing, Integration testing

ISURE - APP UND API BACKEND (2019 - 2024)

HB Solutions Enterprises AG, Ruggell, Liechtenstein
iSure AG, Schindellegi, Switzerland

Participation in internal software development of webfrontend, iOS app and API backend in the insurance business.

Scope of work:
FullStack software development, System architecture

Technologies used:
Angular 15, Typescript, NodeJS 18, NestJS, AWS Lambda, AWS Amplify, GraphQL, Serverless Framework, S3, DynamoDB, mySQL, MongoDB Atlas, iOS Swift 5, SwiftUI, FileMaker plugin development (C++), CodeCommit, Git, TDD, Unit testing, Integration testing

PARES - INTEGRATED FINANCE (2018 - 2024)

PARES Strategiepartner GmbH, Cologne/Germany

Consulting, coaching und participation in software development und system architecture of the backend and frontend application

Scope of work:
Fullstack software development, system architecture

Technologies used:
Java 19, Spark, Hibernate, Typescript, Angular 14, AWS Amplify & EC2, mySQL, Git

PROFI MIS IONIC APP MIGRATION/UPDATE (2021)

Netempire Software GmbH, Rösrath/Germany
BBM Beratung Beteiligung Management GmbH, Bonn/Germany

Update to Ionic 5 (iOS UIWebview Deprecation)

Scope of work:
Software development

Technologies used:
JavaScript, Typescript, Ionic 3, Ionic 5, Capacitor, Node 14, iOS, Git

TEVIDI NEXT - APP UND API BACKEND (2019 - 2021)

teVidi GmbH, Bochum/Germany

Development of a cloud-based solution for the management of the teVidi router, integration of IP cameras, delivery of camera images and location data and the corresponding hybrid app.

Scope of work:
FullStack software development, System architecture

Technologies used:
JavaScript, React, Redux, iOS, Android, React Native, NodeJS, AWS Lambda, Serverless Framework, S3, DynamoDB, Git

ARENA MIETMÖBEL WEBAPPLICATION (2019 - 2021)

Arena Mietmöbel GmbH, Frechen/Germany

Development and enhancements for the existing webapp.

https://arena-mietmoebel.de

Scope of work:
Software Development

Technologies used:
Ruby 2.1, Ruby on Rails 4.1, mySQL 5.5, Git

POESI IONIC 3 APP (2019 - 2023)

Lukas Hermann, Essen/Germany

Development and enhancements for the existing app:

Poesi is a digital collection of poems.

https://poesiapp.org

Scope of work:
Software Development

Technologies used:
Ionic 3.9, Typescript, Node 10, AngularJS Admin, REST, JSON, iOS, Android, Git

MOBILE API & BACKEND PROJECT (2019)

DOMENICEAU, Aachen/Germany

Participation in the software development of an app project in the fashion industry.

Development of a mobile API & a backend admin webinterface.

Scope of work:
Software Development

Technologies used:
Angular 7, Typescript, Javascript, Serverless (AWS Lambda / Node 8), AWS S3, AWS DynamoDB, REST, JSON, Git

MYBUSINESS.AI (2018)

Mobile2b GmbH, Cologne/Germany

Participation in the software development of the Angular web frontend.

Scope of work:
Software Development

Technologies used:
Angular 5, Typescript, Javascript, Node 8, REST, JSON, Git

RADIOMONSTER.FM

Streampanel, Hannover/Germany

Internetradio app with background audio streaming.

Scope of work:
Software Development

Technologies used:
React, React Native, Javascript, iOS, Android

ENIGMAX

Netempire Software GmbH, Cologne/Germany

Web- and desktop app for company wide password management (using hybrid encryption).

Scope of work:
Consulting, Software Development

Technologies used:
Angular 5.2, Typescript, PGP, Electron (MacOS, Windows, Linux), REST, JSON, Ruby 2.5, Ruby on Rails 5.2, MongoDB 3.6

STUDITEMPS MOBILE APP

Studitemps GmbH, Cologne/Germany

Consulting and participation in the development of a hybrid mobile app (until 2018).

Scope of work:
Consulting, Software Development

Technologies used:
Ionic 3.9, Typescript, Jasmine, Karma, REST, JSON, Node 6, iOS, Android

SECURE MOBILE PAYMENT PLATTFORM (SMPP) (2016 - 2017)

rheinlandmobil GmbH, a company of Sparkassen-Finanzgruppe, Cologne, Germany

Platform for secure payment transactions and processes.

Development of native apps (iOS/Android), mobile SDK's and an API Backend (Ruby).

Scope of work:
Consulting, Software Development

Technologies used:
iOS 10 (Swift 3), Android 7 (Java), Encryption, Ruby 2.2 / JRuby, Ruby on Rails 4.2, MySQL 5.7

SKOPOS CONNECT BACKEND

SKOPOS CONNECT connects companies directly with their customers by utilizing insight communities.

Participation in the development of a backend API for community participant management and an Angular based HTML5 frontend

Scope of work:
Consulting, Software Development, System Architecture

Technologies used:
NodeJS, ExpressJS, mySQL 5.5, Sequelize, Javascript, HTML5, AngularJS 1.4, Grunt, Mocha/Karma, PhantomJS

I LOVE MYMEDIA IOS & ANDROID APP (RELAUNCH)

IP Deutschland GmbH / GapFish GmbH / Smartclick Solutions, Cologne, Germany

http://itunes.apple.com/de/app/id508003010?mt=8
https://play.google.com/store/apps/details?
id=de.ipdeutschland.ilovemymedia&hl=de

Scope of work:
Consulting, Software Development

Technologies used:
iOS Universal App: iOS 8, Swift 1.2, XCode 6.3, CocoaPods, JSON API, OAuth 2, CircleCI
Android: Android 5.0, Java 7, Android Studio, JSON API, OAuth 2, CircleCI

MINGLE ANDROID APP

respondi AG / Smartclick Solutions, Cologne, Germany

By using the mingle app you may participate in topics of decision-making, the economy, science and current affairs.

https://play.google.com/store/apps/details?id=de.respondi.app

Scope of work:

Consulting, Software Development

Technologies used:

Java, Android 4.x, Eclipse, XML, SOAP

TEVIDI REMOTE

teVidi GmbH, Frechen, Germany

iOS 7 Optimization
Refactoring (Network & Security)

teVidi offers integrated security and information systems for motorhomes and caravans.

https://itunes.apple.com/us/app/id618354626?mt=8

Scope of work:
Software Development

Technologies used:
iOS 7.1 (Universal App / iPhone & iPad), Objective-C, XCode 5.2

SAYWAY ANDROID APP & ONLINE REPORTING (2012 - 2015)

SayWay GmbH / Cologne, Germany

SayWay delivers customer feedback systems for everyone: Tablet PC's with the SayWay survey app are used in a mobile or stationary setting. The survey data is being sent back to the server in order to be used in an online-reporting analysis tool for the customer (benchmark and branch comparison included).

Scope of work:
Consulting, Software Development (Backend & App), System Architecture

Technologies used:
Android 2.3 & 3.2, Java, Javascript, JQuery, Ajax, REST Webservices (JSON), Ruby 1.9.3, Ruby on Rails 3.2, MongoDB 2.0, Amazon EC2 & S3

MYNEWSPANEL IOS/ANDROID APP

IP Deutschland GmbH / Smartclick Solutions, Cologne, Germany

https://itunes.apple.com/de/app/id698580042?mt=8

https://play.google.com/store/apps/details?id=de.ntv.mynewspanel&hl=de

Scope of work:
Consulting, Software Development

Technologies used:
Android: Java, Android 2.2, Eclipse, XML, SOAP
iPhone: iOS 6.1, Objective-C, XCode 4.6, XML, SOAP

B4FUN IOS APP

triAGENS GmbH / Lucreo GmbH & Co. KG / Cologne, Germany

Participation in the B4Fun project

The B4Fun app is a betting app that's not about winning money. It's all about creativity and enjoying the fun of betting with your friends.

https://itunes.apple.com/de/app/b4fun/id560155253?mt=8

Scope of work:
Software Development

Technologies used:
iOS 5, Objective-C, XCode 4.3, Twitter, Facebook, JSON Webservices

I LOVE MYMEDIA IOS & ANDROID APP

IP Deutschland GmbH / Smartclick Solutions, Cologne, Germany

http://itunes.apple.com/de/app/id508003010?mt=8
https://play.google.com/store/apps/details?id=de.ipdeutschland.ilovemymedia&hl=de

Scope of work:
Consulting, Software Development

Technologies used:
Android: Java, Android 2.2, Eclipse, XML, SOAP
iPhone: iOS 5, Objective-C, XCode 4.3, XML, SOAP

GP ONSITE FOR ANDROID

Globalpark Inc. (a QuestBack company) / Smartclick Solutions, Cologne,
Germany / New York, USA

Globalpark ONSite is the way to connect with your Android phone to your
Globalpark online community.

https://play.google.com/store/apps/details?id=com.globalpark.android

Scope of work:
Software Development

Technologies used:
Java, Android 2.3, Eclipse, XML, SOAP

BOOSTERVOC® QUERYBUILDER

triAGENS GmbH, Cologne, Germany

Implementation of a webadministration interface to visually create and execute
queries in BoosterVOC.

http://www.worldofvoc.com/products/boostervoc/summary/

Scope of work:
Software Development

Technologies used:
Javascript, jQuery, Underscore.js, Ajax, REST Webservices (JSON), NoSQL

SESSIONVOC® SESSION STORE

triAGENS GmbH, Cologne, Germany

Implementation of an Open Source Ruby on Rails library for the SessionVOC®
Open by triAGENS. The SessionVOC® is a noSQL database optimized for the
management of user sessions.

http://www.sessionvoc.com/
https://github.com/triAGENS/SessionVocRuby-OPEN

Scope of work:
Software Development

Technologies used:
Ruby 1.8, Ruby on Rails 3.0, SessionVOC® Open 1.7.3, NoSQL, REST
Webservices (JSON)

KIDSKARTON

Andreas Schwab & Pascal Auber GbR, Markgröningen, Germany

KidsKarton.de is a german online marketplace for parents to swap used children's clothing.

Software Development & Refactoring of the webapplication
Migration to Amazon EC2

Scope of work:
Consulting, Software Development, System Architecture

Architecture Technologies used:
Ruby 1.8.7, Rails 3.0.5, mySQL5, Amazon EC2 & S3

SIMPLEVOC® OPEN RUBY API

triAGENS GmbH, Cologne, Germany

Implementation of an Open Source Ruby library for the SimpleVOC® Open by triAGENS. SimpleVOC® is a pure in-memory key/value store with a REST Interface.

http://www.simplevoc.com/
https://github.com/triAGENS/SimpleVOCopen-Ruby

Scope of work:
Software Development

Technologies used:
Ruby 1.8, SimpleVOC® Open 1.8, NoSQL, REST Webservices (JSON)

BIGSKY IOS APP

Globalpark AG / Smartclick Solutions & Globalpark AG, Hürth, Germany

BigSky is the Globalpark outdoor community. This app connects your iPhone or iPod touch to Globalpark feedback software. Get the latest news, participate in interesting surveys and share photos with other community members.

http://itunes.apple.com/de/app/bigsky/id413505317?mt=8

Development of a Serverside Apple Push Gateway Integration

Scope of work:
Consulting, Software Development, System Architecture

Technologies used:
XCode, Objective-C, iPhone SDK 4.x, XML, SOAP, Push Messages

SURFONAUT.COM

http://surfonaut.com
SURFONAUT.COM E.K.

Website Discovery Community

Participation in the Development of the Webapplication
Realization of the iPhone Competition
Migration to Amazon EC2

Scope of work:
Consulting, Software Development, System Architecture

Technologies used:
Ruby 1.8.7, Rails 2.3.5, mySQL5, Amazon EC2 & S3

HITMEISTER IPHONE APP

http://www.hitmeister.de
Hitflip Media Trading GmbH

You use the Hitmeister iPhone App to search for more than 7.000.000 products on the go and compare prices. It also comes with an incredibly useful barcode scanner to easily identify a product.

http://itunes.apple.com/de/app/hitmeister-100-sicher-kaufen/id364149852

Scope of work:
Consulting, Software Development

Technologies used:
XCode, Objective-C, iPhone SDK 3.0, Redlaser SDK

BALLSIDE

http://www.ballside.com
BallSide GmbH

The Global Statistics Network for Youth and Amateur Basketball Teams (Web 2.0 / Social Network)

Scope of work:
Consulting, System Architecture, Software Development, Scrum Master

Technologies used:
Ruby 1.8.7, Rails 2.3.5, mySQL5, ImageMagick, Ajax, Javascript/Prototype, Amazon EC2 & S3, Google Charts API, PDF Generation, PayPal API Integration, Twitter Integration (OAuth)

FAIRYTOWN

http://fairytown.de
fairytown UG

fairytown (Web 2.0 / Social Network / Local Search)

Scope of work:
System Architecture, Software Development

Technologies used:
Ruby 1.8.6, Rails 2.3.2, mySQL5, ImageMagick, Ajax, Javascript/Prototype,
Amazon EC2 & S3

FREELANCE STATUS IPHONE APP

http://freelancestatus.com
Freelance Status / Oliver Kiessler

iPhone App to display Requests and Clients from an freelancestatus.com
account

Scope of work:
Software Development

Technologies used:
Objective-C, iPhone 3.1 SDK, XML, Webservices, Integration with Merb-based
Backend (Ruby)

GOODSTOCK RELAUNCH

http://goodstock.eu
Goodstock / Netempire AG

Goodstock Website Relaunch (Online Shop for HDR Premium Photography)

Scope of work:
Software Development

Technologies used:
Ruby 1.8, Rails 2.3.2, mySQL5, ImageMagick, Ajax, Prototype

SPLUS (2009)

Sparkasse Koeln-Bonn / Netempire AG

Internal Banking Application (HR)

Scope of work:
Software Development

Technologies used:

JRuby (Ruby 1.8), JBoss 4.2.3 (War File Deployment with Warbler), Oracle 9i (JDBC), Rails 2.2, SOAP Webservices (soap4r)

BANNERSERVER

Netempire AG

Failsafe Amazon S3 based Bannerserver / Banner Editor (Banner are published to and served from Amazon S3 as HTML IFrame's / Tracking goes back to the Bannerserver)

Scope of work:
System Architecture, Software Development

Technologies used:
Ruby 1.8, Rails 2.3.2, File Uploads, Imagemagick, mySQL5, Amazon S3, Banner, Flash Banner

UNIIKS CAREER NETWORK

http://www.uniiks.com
forumtelemedia Verlags GmbH & Co. KG

Uniiks Career Network / LLM.Uniiks.com / MBA.Uniiks.com / BM.Uniiks.com

Scope of work:
Software Development / Systemadministration

Technologies/Methodologies used:
Ruby 1.8, Debian Linux, Mac OSX, mySQL 5, Rails 2.1, REST Webservices (ActiveResource), Ajax/Prototype, Ferret, Amazon S3, Agile, TDD, Scrum

EPHUNK

http://www.ephunk.net
ephunk Limited

Scope of work:
Software Development / Documentation

Technologies/Methodologies used:
Ruby 1.8, Rails 2.0, mySQL 5, Sphinx, Debian Linux, Mac OSX, Clustering (nginx, mongrel, mongrel_cluster)

STYLESPOTTED

http://www.stylespotted.com
Spotted Media

Web 2.0 / Social Network / Local Search

Scope of work:
Software Development & System Architecture / Scrum Master

Technologies/Methodologies used:
Ruby 1.8, Rails 2.0, Google Maps, mySQL 5, Sphinx, Prototype/Ajax, Debian
Linux, Mac OSX, Clustering (nginx, mongrel, mongrel_cluster)
Agile, Scrum, TDD

DHL WEB 2.0 APPLICATION

DHL / Netempire AG

Scope of work:
Software Development (Ruby on Rails)

Technologies/Methodologies used:
Ruby 1.8, Rails 2.0, mySQL 5, Prototype/Ajax, Linux, Mac OSX, TDD, RSpec

BZL TRACK AND TRACE 3.0 (2010)

http://www.deutschepost.de
Deutsche Post World Net / Netempire AG

Scope of work:
Software Development (Java)

Technologies/Methodologies used:
JDK 5, J2EE (Servlets, JSP, EJB), BEA Weblogic 9.2 Cluster, Solaris, Oracle
10g, Struts2, XML, Webservices (Axis2), JPA with Hibernate, Spring 2
Framework, Javascript, Google Maps

TOWNSTER

http://www.townster.de
Netlabs GmbH

Web 2.0 / Social Local Search

Scope of work:
Software Development & System Architecture / Scrum Master

Technologies/Methodologies used:
Ruby 1.8, Rails 1.2, Google Maps, mySQL 5, Ajax, Debian Linux, Mac OSX,
Clustering (nginx, mongrel, mongrel_cluster)

Agile, Scrum, TDD

LLM.UNIIKS.COM / UNIIKS CAREER NETWORK

http://llm.uniiks.com
forumtelemedia GmbH

Scope of work:
Software Development (Ruby on Rails) / Scrum Consulting

Technologies/Methodologies used:
Ruby 1.8, Linux, Mac OSX, mySQL 5, Rails 1.2, Ajax, Agile, Scrum, TDD

ONLINE CREDIT SYSTEM 3.0 (2006)

http://www.swkbank.de
SWK Bank / Netempire AG

Scope of work:
Software Development (Java)

Technologies used:
JDK 5, J2EE (Servlets), Tomcat 5.5, Linux, PostgreSQL, Corba (Jacorb), XML, Webservices (Axis), Spring Framework (IOC, ORM, AOP), iBatis SQL-Maps, PDF Lib

DESIGN:RELATED

http://www.designrelated.com
Design Related LLC

Web 2.0 / Social Networking

Technologies used:
Ruby 1.8, Linux, mySQL 5, Rails 1.2, Ajax, Clustering (nginx, mongrel, mongrel_cluster)

GOODSTOCK

http://www.goodstock.de
Milk / Netempire AG

HDR-Image Online-Shop

Scope of work:
Software Development (Ruby on Rails)

Technologies used:
Ruby 1.8, Linux, mySQL, Rails 1.0, Ajax

BZL TRACK AND TRACE / SNV CUSTOMER MANAGEMENT (2005)

Deutsche Post World Net / Netempire AG

Scope of work:
Software Development (Java)

Technologies used:
J2EE (Servlets, JSP, EJB, JMS), BEA Weblogic Cluster, Solaris, Oracle, Struts, XML, Webservices, Tomcat, Hibernate, Spring Framework

BZL TRACK AND TRACE ONLINE SERVICES / AMPROXY

Deutsche Post World Net / Netempire AG

BZL Track and Trace Online Services and Ordermanagement webservice

Scope of work:
Technical project management and software development of webapplications and webservices (mostly J2EE)

Technologies used:
J2EE (Servlets, JSP, EJB), BEA Weblogic Cluster, Solaris, Oracle, Struts, XML, Webservices

COMIN EXTRANET / CMS

DaimlerChrysler / clicktivities AG

Development of framework-based java webapplications

Technologies used:
J2EE (Servlets), IBM Websphere, Solaris, Oracle, Custom Java Framework, XML

DOTSPOWERPARK

dots'n daisies GmbH

Community and Portal Framework

Technologies used:
PHP, Linux, Oracle

dots'n daisies GmbH

Webbased Projectmanagement Tool

Technologies used:
PHP, Linux, mySQL

CV

4/2006

IT Consultant / Senior Software Developer
Independent Contractor/Freelancer, Cologne, Germany

Scope of work:
Development of webapplications and apps including consulting, development, deployment, scaling and optimization.

5/2004 - 3/2006

CTO
Netempire AG, Cologne, Germany

Scope of work:
IT Consulting (J2EE), technical project management and complex software development. Coordination of the IT strategy of the company.

1/2003 - 5/2004

Technical Lead
Netempire AG, Cologne, Germany

Scope of work:
Technical project management and software development of webapplications and webservices (mostly J2EE)

8/2002 - 12/2002

Senior Software Engineer
clicktivities AG, Duesseldorf, Germany

Scope of work:
Development of Framework based Java Webapplications

9/2000 - 7/2002

Technical Lead
pawils GmbH / dots'n daisies GmbH, Essen, Germany

Scope of work:
Leading role in design and development of a portal and community framework product

5/2000 - 8/2000

Senior Webdeveloper
more interactive GmbH, Duesseldorf, Germany

Scope of work:
Software development for portal web applications

Clients:
Sony Germany Microsites
WAP/Mobile Portal for c-com one
Norisbank
Internal Development

Technologies used:
PHP, ASP, Python/ZOPE, HTML

1/1999 - 5/2000
CTO/Founder
eins punkt null GmbH, Cologne, Germany

Scope of work:
Business development and technical project management (including software development) for various clients mostly from the new economy

Clients:
Volvo GmbH, Germany
Steilman Corporate Fashion
Dorint Hotels
ebay/alando Germany
dooyoo.de
vaybee.de
urbia.de
dina6 AG
Norisbank for more-interactive
and more...

Technologies used:
PHP, JSP/Servlets, Linux, Oracle, mySQL, HTML

1/1998 - 12/1998
Online Producer/Webdeveloper (Self-Employed)
kiessler newmedia, Essen, Germany

Scope of work:
Project management and coordination of the development of web-based applications

Clients:
Canon GmbH, Germany for BMZ!FCA/Profact
Dorint Hotels for rationet AG (Leverkusen, Germany)
Daihatsu Germany for rationet AG (Leverkusen/Germany)

Technologies used:
ASP, PHP, SQL Server, Linux, HTML

2/1997 - 12/1998

Online Producer/Webdeveloper
Self-Employed / Contractor, Essen, Germany

Scope of work:
Design and development of web-based applications

Employers / Clients:
BBDO Interactive (Duesseldorf, Germany)
Nordis, Heidelbach & Sawatzki (Essen, Germany)
BMZ!FCA Duesseldorf/Profact (Essen, Germany)
agenda-media (Muenster, Germany)
BOV (Essen, Germany)
and more...

Technologies used:
ASP, PHP, SQL Server, Linux, HTML

EDUCATION

05/2025
AWS Certified AI Practitioner certification
Amazon Web Services Training and Certification

06/2024
AWS Certified Developer certification
Amazon Web Services Training and Certification

04/2024
AWS Certified Cloud Practitioner certification
Amazon Web Services Training and Certification

12/2004
Sun J2EE Web Component Developer Certification
Sun

11/2004
LPI (Linux) Level 1 Certification
Linux Professional Institute

2004
BA Computer Sciences
Fernuniversitaet Hagen, Hagen, Germany

8/2003
SCJP Certification / Sun Certified Java Programmer
Sun

2001 - 2002
BWL (Business)
Fernuniversitaet Hagen (University), Hagen, Germany

1995 - 1996
Social sciences
University Bochum, Bochum, Germany

1994
Highschool Graduation (Abitur)
Gymnasium Essen-Werden (Highschool), Essen, Germany

1991

Highschool Graduation / Exchange student
Darrington Highschool, Darrington, WA, USA