



Andreas Rayo Kniep

FULLSTACK SOFTWARE ENGINEER

PROFILE

Dedicated Software Architect and Technical Entrepreneur, working in the software industry since 1999. My passion for writing software began when I started developing computer games at the age of 13. Enjoy working in high performing teams, in which members value pragmatic decision making and show a desire to improve and learn from each other.

PROFESSIONAL EXPERIENCE

CTO at STARTUP COMPASS

2013 SEP – PRESENT (2.5 years)

San Francisco, CA

Setup automated service infrastructure, collecting user-data from a wide range of service APIs (e.g. Shopify, Stripe, GA, etc.)

- Led team of 6 developers; helped raise 2 rounds of funding
- Introduced server provisioning for AWS Opsworks with Chef
- Stack: Ruby, Sinatra, Postgres, Rabbit, Resq, Redis, Angular, Jenkins

CO-FOUNDER & CTO at LINKLIFT LTD and QUAN DIGITAL GMBH

2006 AUG – 2013 AUG (7 years)

Berlin, Germany

Grew company from 0 to 60+ employees, 5,000+ webmasters (customers), 4+ million € annual turnover, and profitability.

- Led team of 10 developers and product manager
- Created private data-API and plugins for wide range of CMS
- Led “Rankpanel” project, a distributed webscraping infrastructure
- Managed MySQL cluster with billions of SEM/SEO keyword entries
- Setup in-house server-farm with 20+ controllable VDSL-lines
- Introduced Internationalization: 6 languages, 4 currencies
- Stack: PHP, Zend, MySQL, Java, Lucene, Memcached, HBase, po/mo

ACADEMIC ACHIEVEMENTS

PHD STUDENT with LECTURESHIP at TU BERLIN

2005 APR – 2006 SEP (1.5 years)

Berlin, Germany

Organized university-courses; Lectured 300+ undergraduates.

- Led a team of 15 tutors, created seminars, weekly exercises, exams
- Research: Modeling OO-systems by Transformation-systems

MASTER with DISTINCTION in COMPUTER SCIENCE, GPA 3.94

2000 OCT – 2005 APR (4.5 years)

TU Berlin, Germany

Won the Edison Price in Bronze, GE Foundation, Institute of International Education, prize money 1,000 €

Budapest, Hungary

- Voluntary minor in Astrophysics

SKILLS

Programming

Ruby w. Sinatra, LAMP w. PHP, Regular Expressions, Bash

Databases

MySQL administration, PostgreSQL, MondoDB, Redis, Memcached, Lucene

Infrastructure

AWS, RabbitMQ, Git, RSpec

Languages

German, native (ILR 5)
English, full professional (ILR 4)
Spanish, elementary (ILR 1)

Hobbies

Running, Marathon 2:59:04, Half 1:22:40; Competitions of all kind; Sports in general

SIDE PROJECTS

Open-Source: Maintainer of Chef-cookbook “logentries-rsyslog”, over 1M downloads

supermarket.chef.io

Games: Originally programmed in Turbo Pascal, Delphi, Free Pascal; later also in HTML5
andirayo.github.io/2048stats
andirayo.github.io/c4

Fifa: Ticketing Supervisor at Fifa World Cup 2006 and Confed Cup 2005, led 15 ticket agents

CONTACT

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