Kai Richard König

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Profile

My passion is in building teams, companies, strategies, and systems in general. I have a track record of delivering high impact as well as developing and operating data driven and distributed systems. I know some good portion of Python and many other languages, frameworks, tools and practices – technical including serverless architectures and containerization and non-technical, which help me build an organization that constantly delivers high value.

When not working on Projects I contribute to open source by fixing migration code in Django or improving the documentation for the Google Python SDKs. According to GitHub I am among the top 5% contributors of 2019 in Germany.

For more details checkout https://kairichardkoenig.de/about/

About

Born:	02.11.1986, Dachau
Nationality:	German
Family status:	Unwed
Languages:	German (native) English (business fluent)
Address:	Lychener Str. 76, 10437 Berlin

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Experience

Bitspark GmbH
10 months

Co-Founder (Platform, Sales, Marketing)
April 2019 – February 2020

Berlin Area, Germany

Introduced a CRM and various marketing integrations gaining more visibility into our potential customers. Created goal framework for product strategy. Wrote WebSocket server in Golang enabling more product features for our own product. Prepared and held demos, pitches and presentations to potential customers, investors and partners. Conceptualized and implemented microservice architecture using Redis-streams, flask and AWS Lambda.

Paessler AG
6 years 4 months

Product Owner Business Intelligence
March 2018 - April 2019 (1 year 2 months)

Nuremberg Area, Germany

Took over BI and changed the internal mission, introduced leaner processes and earlier feedback. Educated employees about ML with innovation projects and external Workshop. Reduced number of outages and fault in the reporting infrastructure. Introduced new KPIs to the business to gain companywide visibility into strategic actions, for instance the First-Response-Time for Customer-Services. Architected Prediction- and Enrichment-APIs to automatically score incoming leads and prioritize operational sales work to be more effective boosting conversion rates up to 10%.

Team Manager Business Infrastructure Systems
June 2016 - April 2019 (2 years 11 months)

Nuremberg Area, Germany

Managed a team responsible for mission-critical systems, reduced delivery time of changes to the production systems. Introduced systematic approaches to deal with technical debt resulting in steadier levels thereof. Moved development from VMs to Docker shorting

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onboarding times from days to minutes and enabling much faster branch-building. Changed IT Architecture to Tier-Based and narrowed strategic focus on enabling the business with the effect of higher team engagement. Pioneered Innovation Management and developed multiple DevOps product ideas using Design Thinking and Design Sprints. Evangelized the company on numerous events as attendee and speaker, making the company more visible to the community and potential candidates. Started to shift mindsets towards new working models and more strategic thinking, which eventually resulted into a transformative process in the entire company making goals more transparent and foster more collaboration.

Software Developer

2013 - June 2016 (3 years 6 months)

Nuremberg Area, Germany

Led, designed and developed several critical software components for instance the symmetric cryptographic activation mechanism of PRTG. I also developed tools to find abandoned shopping carts that resulted in recovering seemingly lost sales opportunities. Added goldilocks pricing strategy which alone led to ~3% more revenue. Maintained and optimized our infrastructure for these projects using Ansible, statsd and PRTG to deliver more throughput and consume less resources. Successfully introduced Scrum and carefully refined it to fit our needs. I also migrated a large repository from SVN to Git and Gitlab w/o service interruption, setting the ground work for the rest of the company to eventually switch from Mercurial to GIT and reap in huge benefits from Continuous Integration.

Self-Employed
Software Engineer

October 2010 - January 2013 (2 years 4 months)

Munich Area, Germany

Among other smaller project I built a web-based image archive software using BDD and Ruby on Rails. Worth emphasizing is a cascading category-based navigation, a lightbox-based cart, a live translation tool and a drag and drop image uploader. In addition to that I implement an administration interface to manage the entire app.

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HighText Verlag Graf und Treplin oHG

Software Developer

March 2007 - October 2010 (3 years 8 months)

Munich Area, Germany

Rewrote a large portion of the web application at ibusiness.de so it would resemble a modern MVC app more closely. Then redid the Database- Abstraction-Layer, reimplemented all the affected controllers and wrote a new template parser. Designed and applied a way of organizing files inside the project by domains. This brought down development time and error rate significantly.

FreundeNews

Co-Founder

April 2008 - February 2009 (11 months)

Munich Area, Germany

Inspired by friendfeed (https://en.wikipedia.org/wiki/FriendFeed) we took the concept and adapted it to the German market and eventually sold to Mr.Wong
https://techcrunch.com/2009/02/04/copy-paste-get-acquired-mister-wong-buys-freundenews/

Certifications

- Chief Digital Officer, Karrieretutor – 2019-2020 (not yet graded)
- Professional Scrum Master Level II, Scrum.org – 2019
- Introduction to Kubernetes, edX – 2019
- Startup School Graduate, Y Combinator – 2019
- Certified Scrum Product Owner, Scrum Alliance – 2018
- Kreatives Führen - Stufe 1, MVR – 2017
- Introduction to Computer Science, MITx – 2017
- Leadership for Engineers, DelftX – 2017
- Mediengestalter Digital, IHK – 2010

Education

- Angewandte Informatik, Kognitive Systeme - Universität Bamberg – 2013 - 2013
- Fachgebundene Hochschulreife, BOS-Technik – 2010 - 2012
- Staatlich anerkannter Mediengestalter, IHK – 2007 - 2010

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Competencies

Software/DevOps

Python, Golang, CI/CD, Docker, SQL, BDD, TDD, DDD, Git, HA, Nginx, Apache, Ansible, Javascript, HTML, CSS, REST, ViM, statsd, Redis, Percona, AWS, Cloudflare, K8S, Ruby, Serverless, Unix.

Business Intelligence

MSSQL, SSIS, Google Analytics (Measurement Protocol), Google Tag Manager, Pentaho, Mr.Job, Kissmetrics, Zapier, Power Pivot, Machine Learning (Keras+Jupyter), Data Enrichment, Lead Scoring.

Product, Strategy and Leadership

Servant Leadership, One-on-One, Systemic Coaching, Data-Driven Decision Making, Why How What, OKRs, MBOs, Matrix Organization, Scrum, Kanban, Agile, Design Thinking, Design Sprints, Service-Design, Story Mapping, New Work, Domain Driven Design