



Fabian Schütz

Master / Computer Science

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Optimization
Development
Network
DevOps
Linux

Date of birth	1985-04-13
Last Position	System engineer with management function and direct customer contact
Last employer	star/trac supply chain solutions GmbH
Responsibilities	system & network design in a mixed Windows / Linux environment for company and customers; process optimization
Ideal position	CTO / Consultant in an environment where distributed systems / DevOps are important
Hard skills	C, Java, Python, Linux, Gradle, Bash, Network, Docker
Profile	My professional career began as a software developer at a small company in Munich/Germany where I completed an apprenticeship and subsequently worked there for another year before I decided to study computer science, completing a BSc at Albert-Ludwigs-Universität Freiburg and an MSc at Freie Universität Berlin. While studying, I was active as a freelance software developer, system- and network administrator. Development jobs revolved around mobile platforms Android and iOS for which I developed several native applications. Administration involved the development and maintenance of a Linux-based network boot environment for an office with about 30 people. Upon release, this system was used by all employees on a daily basis. At University, I focused on operating systems, security and cryptography, writing an advanced firewall based on Linux Kernel modules for deep packet analysis as well as a small operating system for an ARM development board. While still working on my thesis, I started working as a system- and network engineer, focusing on process optimization in the development department by using technology from the DevOps tech train. I also engaged in direct customer contact to integrate software in their enterprise environment.
Reason for change	Last employer had to release all external staff
Languages	German (native), English (fluent), French (advanced), Dutch (advanced)
Education	Bachelor – Computer Science / Freiburg Master – Computer Science / Berlin
Salary / Rate	80€ / hour on a freelance basis. Fixed contracts are subject to negotiation.
Starting date	Immediately

Education

2010 – 2014	Bachelor of Science With an apprenticeship as a software developer already completed, the choice to study computer science was obvious.	Universität Freiburg
2014 – 2017	Master of Science After my Bachelor's degree, I decided to go to Berlin to focus on operating systems, security and cryptography. With two full professorships dedicated to these subjects, FU Berlin was the best location for these subjects.	FU Berlin

Overview work experience

2016/11 – 2018/09	System- and network engineer with management function	star-trac supply chain solutions GmbH, München
2015/09 – 2016/11	Developer	Storyx AG, Luzern
2010/04 – 2015/09	Administrator / developer	Lohmann & Birkner Mobile Services GmbH, Freiburg
2004/02 – 2005/08	Developer	star-trac supply chain solutions GmbH, München

Detailed work experience

Period: 2016/11 – 2018/09

Description: Within the company, I focused on process optimization along the software development and delivery chain using technology from the DevOps tech train. In particular, I established continuous deployment and set up a variety of servers to automate tasks that before had been done tediously by hand. I also engaged in direct customer contact to integrate software in their enterprise environments.

Technologies: Linux, Python, Bash, Gradle, SQL, Java, Oracle, JBoss, RedHat

Period: 2015/09 – 2016/03

Description: For a customer of the company, I developed a mobile application that ran on Android tablets with an accompanying web-interface that was written in Node.js. The application was used in show-rooms with exhibits that carried an NFC tag. Scanning the tag revealed information and media about the exhibit on the tablet device. The web application was used to create/modify the data to be shown.

Technologies: Node.js, Java, Android, SQL

Period: 2010/04 – 2015/09

Description: As administrator, I was responsible for the clients, servers and network that powered an office for approximately 30 people. A major task was the development and successful roll-out of a network-booting operating system on the basis of Linux that was used by all employees. This centrally administered system reduced maintenance efforts for workstations to effective 0. Apart from that, I developed various mobile applications for Android and iOS that were used by customers.

Technologies: Linux, Python, Bash, C, Haskell, Scala, Android, iOS, Swift

Period: 2004/02 – 2005/06

Description: As a developer, I wrote frontend and backend code that ran within the Struts framework on JBoss application server. Among my projects was a Java applet that allowed the designation of a polygon on a map to indicate an area of alert (incoming vehicle) for a logistics application.

Technologies: Java, Eclipse, Windows, JBoss

Other

Filmmaker: 2017 - *

For about one and a half years, I have been active as a filmmaker. I completed a feature-length documentary on birdwatching and a short documentary on the impact of robots and artificial intelligence on music. In these projects, I acted as writer, producer, director and camera man. Currently, I am involved in a new feature-length fiction film project about hacking where I act as a producer and write a new script for my own feature-length fiction film.

Free software developer: 2010 - *

I have been developing free software for a long time. Check out my GitHub: <https://github.com/fscz>