

Kjell Otto

"I'll specialize in whatever it takes to solve your problem."

kjell-otto.de
linkedin.com/in/kjellski/

EXPERIENCE

Kjell Otto, Hamburg — *Freelance Software Developer & Architect*

10/2007 - PRESENT

Working as a freelance software developer, consultant, and system architect for almost 20 years now. The first project was successfully finished in late 2007 right before the bachelor studies began. Since then he has worked on all kinds of projects: web apps, backend solutions, embedded systems, and native client applications as well as mobile apps.

He currently specializes in distributed systems architecture with an emphasis on frontend independence.

Past customers include:

Engel & Völkers, MOIA, Xing, FastLane, and many more...

Accomplishments:

- architected a distributed microservice environment that supports multiple teams concurrently working on it
- led and grew a team as external, aiming to be replaced when the architecture and team were established
- managed time effectively in multitasking situations
- worked with the client from prototype to finished product
- planned and executed product development in time

Fast Lane GmbH, Hamburg — *Software Developer*

01/2011 - 06/2017

Responsible for developing a software which maintains virtual lab environments in VMware vCenter. The software operates in different data centers around the globe and is used as a central platform for all remote labs in the company. It is constantly in operation and supports features like session sharing, distributed classrooms and custom lab environments.

Accomplishments:

- dynamic virtual infrastructure management
- efficient load balancing in a resource restricted environment
- distributed server system with a large shared codebase
- JavaScript client application with electron, react and redux
- Android mobile application development

SKILLS

TypeScript, Java, Kotlin, C#

GraphQL, Spring Boot, React, Apollo, .Net, .NetCore, dotnet, dotnetcore, ASP.Net, WebApi, HTML, CSS

vite, esbuild, webpack, parcel, npm, yarn

AWS, AWS CDK, AWS CloudFormation, AWS Lambda, AWS EC2, AWS CloudFront, Azure, Azure Functions

Postgres, MSSQL, MySQL, SQLServer, SQLite

Linux, MacOS, Windows, PowerShell, Bash, ZSH, Vim, Windows Server, IIS, nginx, Apache

Microservice Architecture, Monolith Architecture, EventStorming, Async Microservices, PubSub, Test Driven Development, TDD, Extreme Programming, XP, Agile, Domain Driven Design,DDD, Continuous Deployment, CI

Project Planning, Development, Conception, Prototype Development

VOLUNTEER WORK

Uniteam Marine, Hamburg/Cyprus — *Software Consultant*

01/2010 - 12/2010

Joined the company as a consultant with regards to their current development on a new crewing system. The development team was located in Yangon and controlling as well as management was located in Cyprus.

Accomplishments:

- worked with an international team in another country
- reviewed a fairly large codebase in a short timeframe
- reported technical difficulties to non technical decision makers

PLATH GmbH, Hamburg — *Bachelor Thesis*

01/2009 - 06/2009

I've written my bachelor thesis in an internship. My responsibility was porting a software component to a hardware based VHDL solution. I've learned signal processing, hardware design and cross-testing software and hardware in combination. I've finished that project and the thesis with 14/15 points.

EDUCATION

University of Applied Sciences, Hamburg —

Master of Computer Science

09/2009 - 05/2013

My thesis took place in the LivingPlace Hamburg, a future living lab at the University of Applied Sciences Hamburg. My topic was about the infrastructure in such a distributed environment and a concept in order to handle the upcoming challenges with following students.

Bachelor of Computer Science

04/2006 - 06/2009

I took the technical informatics branch in my bachelor studies because I'm interested in microcontrollers and digital circuits. Part of the curriculum was low level programming languages and I took it a step further with VHDL and System on Chip design on FPGA platforms.

I wrote my thesis at an external company, but the topic was closed for security purposes.

C# .Net Meetup Hamburg I'm organizer of the biggest [.Net Meetup in Hamburg](#)

UXCampHH

I'm a volunteer at the [UXCampHH](#), a User Experience barcamp in Hamburg.

Tutor at Haus 3

I regularly volunteer at the open shop and the Repair Café at the [Haus 3 e.V.](#), Hamburg.

Microsoft Imagine Cup

Took part in the Microsoft Imagine Cup 2008

LANGUAGES

German, English