Simon Christian **Krüger**
Senior Software Engineer & Solution Architect

contact

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languages

german mother tongue
english fluent

programming

♥ Swift,
Software Architecture,
Python, Agile, Lean

management

Agile project
management,
project leadership,
team leadership

education

university

2015–today	**Fachhochschule Bielefeld**	Bielefeld
	Bachelor of Science, Business Administration and Computer Science	
2011–2014	**Hochschule Trier, Trier University of Applied Science**	Trier
	Bachelor of Science, Computer Science - specialization: Secure and Mobile Systems	

school

2008–2011	**Reinhard Mohn Berufskolleg, focus Math and Computer Science**	Gütersloh
	Commercial high school, qualification for admission to a technical college	
2003–2008	**Elly-Heuss-Knapp-Schule, Städt. Realschule Gütersloh**	Gütersloh
	General Certificate of Secondary Education (GCSE)	

Work Experience

employment

2019–today	**intive GmbH**	Munich
	Solution Architect	
2017–2019	**intive_kupferwerk GmbH**	Munich
	Senior Software Engineer	
2015–today	**Kayos UG (haftungsbeschränkt)**	Gütersloh
	Founder and Softwaredeveloper	
2013–2014	**Prosthetic Dentistry lab Kreber**	Trier
	Distribution	

internship

2011	**Trainee - Software engineering**	Gütersloh
	Medienfabrik Gütersloh GmbH, part of arvato: a Bertelsmann company	
2010-2011	**Trainee - Accounting and Controlling, Controlling / Strategy**	Delbrück- Lippling
	KaLa Autotechnik GmbH	
2010	**Trainee - IT system support**	Gütersloh
	Medienfabrik Gütersloh GmbH, part of arvato: a Bertelsmann company	

Projects

professional

2019 - today   **Major sports brand - Mobile development lead**   intive GmbH
Branded customer facing bluetooth product; Coordinating a global team of developers, close collaboration with lead developers in cross-company setup and changing requirements. Supporting the client for a roll out in 25 countries and taking over product ownership support. Strong focus on representing the client in technical decisions and preparation of roadmaps.

2019   **BMW Live Q-Feedback - Mobile development lead**   intive GmbH
Employee facing application for accessing the car rental pool, which is used to provide a feedback and incident report channel for test drivers in pre-production automobiles. Architectural decisions for mobile and backend development, implementing a deployment infrastructure and consulting developers throughout the implementation process.

2017-2018   **Esprit Europe GmbH - Development lead**   intive GmbH
Global multi language e-commerce application; Providing architectural consulting, supporting a globally acting team of mobile and backend developers, and implementing a customer facing mobile application in a constantly changing environment. Focus on requirements engineering and expectation management as the point of contact for the client.

2015–today   **PlugFinder - Development and Consulting**   Kayos UG (haftungsbeschräankt)
Leading data provider for the european charging infrastructure; Responsible for migration from Objective-C to Swift, integration into the existing ecosystem and consulting the client for future development.

universitary

2014   **Raspberry Pi enters a sailing regatta**   Prof. Dr.-Ing. Fritz Nikolai Rudolph
A team project following up on a previously researched expert system to autonomously steer a sailing boat through a regatta course. Logic implemented in Python, microcontroller implementation in C.

2013   **Expert System for steering a sailboat**   Prof. Dr.-Ing. Fritz Nikolai Rudolph
Feasibility study and rapid prototyping to navigate a sailboat and perform basic course controll based on wind condition and differential GPS.

Awards

2017   **Professional Scrum Master (PSM I)**   Certificate
Scrum.org

2016   **ABAP Developer**   Certificate
Fachhochschule Bielefeld

2014   **Specialist for application development of software systems**   Certificate
Hochschule Trier, Trier University of Applied Science

Commitment

2010–today **Voluntary member in registered society Crossnight e.V.**
Organisation and performance: events for alternative music and culture

2014–2016 **IT-council, person in charge**
Westfälischer Golf-Club Gütersloh e.V.

2012–2014 **Member of the faculty council**
faculty of computer science, Hochschule Trier

2011–2013 **Treasurer of the faculty**
faculty of computer science, Hochschule Trier

Skills

Basic **ABAP, SQL, Android development, Reactive development, Tensorflow**

Intermediate **Business process modelling, Dependency Management Systems, Git Submodules**

Advanced **Mobile development, Version Control systems, Solution Architecture, Requirements Engineering, Agile processes, leadership**

Development **Client-Server applications, API design, Type safe development, Software Architecture, Swift, Objective-C, Java, Python, Ruby, Bash**

Interests

professional **software design, architecture, security, languages, coffee making**

personal **bouldering, scuba-diving, sailing, hiking, literature, yoga, cooking**