Resume

Work Experience

02/2016 - today
Full-time

Senacor Technologies AG Nuremberg

Consulting Focus Areas
- Backend development
- UX design and evaluation
- API usability and evaluation
- Test-driven development & test automatisierung
- Payment transactions

Industry focus
- Banks
- Fintechs

Projects
- Further development of a Banking Platform based on Microservice Architecture in the AWS environment *(2020 - today)*
  - Participation, among other things, in Apple Pay integration and mobile notifications
  - Consistent development of new components in Kotlin
  - Evaluation and discussion of APIs within a Design Board framework
  - Establishment of an agile work approach (Scrum) and point of contact for testing and test automation
  - Provision of a Karate version tailored to client-side development teams for easy end-to-end testing
  - Development of a microservice for ordering test credit cards
- Further development and deployment of the new credit card portal for Landesbank Berlin-Brandenburg, including the portals of Amazon and ADAC *(2019-2020)*
- Technical advancement of the paydirekt online payment system and optimizing maintenance for continuous improvement of application operations *(2016-2019)*
  - Conceptualization and agile development of new features such as secured pre-ordering, GDPR reporting, merchant onboarding, etc. Additionally, redesign and backward-compatible adjustment of the banking integration.
  - Establishment of a usability evaluation methodology for core processes, such as the checkout process
  - 3rd Level customer support (Service Desk), regular deployments of the paydirekt platform (bi-weekly releases with zero downtime), operational monitoring
  - Supporting the feature team organization as a deputy Scrum Master

01/1999 - 02/2016
Freelance

Freelancer Berlin
Consultant / Front and Backend Developer / Web Designer

08/2011 - 07/2014
Full-time

Freie Universität Berlin
PhD Candidate, Deputy Teaching, Software Engineering (User Experience) / Bioinformatics

07/2011 - 07/2014
Freelance

W+P Real Estate GmbH Berlin
Web Designer, Application Developer, Administrator

08/2001 - 05/2011
Studential

meetyoo conferencing GmbH Berlin
until 2009 System and Network Administrator
from 2009 Web Programmer, Application Developer

08/2003 - 07/2007
Freelance

BAUTRA GmbH Berlin
System and Network Administrator, Web Designer / Programmer

02/2000 - 05/2004
Freelance

Photo Studio "apart" Berlin
External System Administrator and Web Designer / Programmer

Cell Phone +49 171 184 75 62   **Web/Mail** mail@bkahlert.com
Address Am Carlsgarten 9, 10318 Berlin   **Born** 1984-05-15 in Berlin

Dr. Björn Kahlert

Education

10/2005 - 10/2015	**Freie Universität Berlin** Germany Major: Computer Science — Minor: Psychology and French
10/2015	**Doktor der Naturwissenschaften (Dr. rer. nat.)** Computer Science Result: magna cum laude (very good) **PhD: API Usability** • Acquisition of universally valid insights into the usability of APIs • Application of the social science Grounded Theory method, including the collection of subjective and objective data (e.g., interviews, group discussions, automatic data transmission through manipulation of the build process, and tracking of surfing behavior) • Holistic data analysis using a self-developed plugin-based data analysis tool
06/2011	**Master of Science (M.Sc.)** Computer Science Grade: 1.7 (Master thesis: 1.3)
11/2009	**Bachelor of Science (B.Sc.)** Computer Science Grade: 2.4 (Bachelor thesis: 1.0)
08/2007 - 10/2008	**Université Paris 7 — Denis Diderot** France Major: Computer Science (L3) — Minor: French Culture / Society and Phonetics

Specializations / Areas of Interest

User Experience / Usability	Interest since studies; Focus in master's thesis and Ph.D.; (high) relevance in previous projects	**Virtualization / Cloud**	Great interest already before studies; Initial contact with VMware (GSX Server; Introduction in the company); Professional shift towards backend development; Building DevOps/Cloud
Agile Software Development	Special sensitivity to agile methods, their backgrounds, and conveying the principles; Further training as a Scrum Master, August 2020	**Kotlin / IoT**	Strong interest in the Kotlin language. Development of a Kotlin-based IoT application; based on a self-developed library as well (see **github.com/bkahlert/kommons**)

Language Skills

German	Mother tongue
English	C1
French	B2

Volunteer Work Experience

06/2011 - 07/2013	**manCheck-Projekt, Schwulenberatung Berlin** Volunteer in STI primary prevention
05/2015 - 10/2015 01/2000 - 12/2007	**Mann-O-Meter e.V.** Berlin Youth group leader Public relations

Affiliations

08/2011 - today	**Völklinger Kreis e.V.** Professional association of gay managers and self-employed workers
10/2010 - today	**German Informatics Society** "German ACM"