

Linda Knechtel

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Work experience

- 01/2011–present **Senior Software Developer**, *Actix, an Amdocs company*, Dresden.
- Started as Junior Software Developer, promoted to Senior Software Developer within 3 years.
 - Developing/Maintaining geoinformatics software to optimise mobile networks with main focus/tools: Java EE, WildFly Application Server, Apache Ant, Gradle, Perforce integrations, Kotlin, Jenkins, Eclipse, IntelliJ, JUnit
 - Refactoring of existing software (Apache Ant, WildFly 10, Java 8) to modern tools (Gradle/Kotlin, WildFly 15, Java 10)
 - Implementing Single-Sign-On with SAML in existing software
 - Developing a two-dimensional visualisation for beamforming antennas (JavaScript)
 - Working in an agile team - moderating internal scrum retrospectives, Kanban
- 03/2009–08/2010 **Student research assistant**, *Technische Universität Dresden - Chair of Geoinformation Systems*, Dresden.
Contributed to research project with schema transformations for INSPIRE
- 09/2008–12/2008 **Student research assistant**, *virtualcitySYSTEMS GmbH*, Dresden.
Building reconstruction from laser data with the software BuildingReconstruction, quality control of the generated models, LOD3 model of the company building with Google SketchUp
- 08/2007–10/2007 **Internship**, *Engineering Office Schenk & Steindorf GbR*, Dresden.
Technical documentations, development of an Access database for measurement devices
- 03/2007 **Internship**, *Official Land Surveyor Dr. Otmar Holl*, Dresden.
Designing of surveyor plans with GEOgraf, surveying of buildings, rearrangement of border points, execution of cataster surveying

12/2006–01/2007 **Research assistant**, *Fraunhofer Institute for Transportation and Infrastructure Systems IVI in Dresden*, Dresden.
Research project in the area of civil protection, working with ArcGIS, analysis of videos

08/2006–09/2006 **Internship**, *Engineering Surveying Office IVD*, Dresden.
Creation of topographical terrain models, measuring of triangulations with GPS receivers, survey marking and investigation of position and height of bench marks

03/2006 **Internship**, *Civil Land Surveying Office Dresden*, Dresden.
Execution of cadastral surveying, installation, surveying and searching of border points, surveying of buildings, setting-out of road construction arrangements

08/2005–09/2005 **Internship**, *Siemens Business Services*, Munich.
Analysis of competitors, portfolio creation, quality control of the corporate intranet migration

Academic Studies

2005-2010 **Graduate Engineer (Dipl.-Ing.) of Geodesy**, Technische Universität Dresden,
Field of studies: Geodesy, Major course: Geoinformatics.

Topic of diploma thesis Concept and prototypical implementation of a GIS-supported tool for transforming environment related data based on INSPIRE reference data sets

Language

German native speaker

English fluent, CEFR level C1+

French intermediate, CEFR Niveau B1

Italian beginner, CEFR level A1

Others

Interests Java User Group Saxony: JUG Saxony Day, networking

Hobbies My two kids, movies, books, running, cycling

Drivers license class A (motorcycle), class B (car)

Dresden, 07 September 2020

