

# Linda Knechtel

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<https://lindaknechtel.github.io>



## 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. Autodidact, Full-stack development. Team player. Developing geoinformatics software to optimise mobile networks. Main focus: Java EE, WildFly Application Server, Ant, Gradle, Kotlin, SSO/SAML, Perforce integrations, Jenkins, Kanban, moderating internal scrum retrospectives

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

## Skills

Programming Java EE, Gradle, Kotlin, Batch, Ansi C, SSO/SAML, XML, Eclipse, IntelliJ, Perforce, Apache Ant, WildFly, Jenkins, JUnit, Oracle SQL Developer, GDAL

Database PostgreSQL, PostGIS

GIS software ArcGIS, QuantumGIS, GEOgraf

## 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

