

Jan Bernitt

PERSONAL DATA

Date of birth 1980/05/28
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SPOKEN LANGUAGES

German native speaker
English fluent (CEF C2)
Swedish good command (CEF B1)

WORK EXPERIENCE

IST International

Feb 2012 -

Software Engineer

Full Stack

Build small and large SaaS Java systems as a whole including web-clients and REST or SOAP APIs.

SOA

Participated in design and development of a service-oriented architecture with *RabbitMQ* as ESB and *protobuf* for the messages.

NoSQL

Created a SaaS system for personnel data from scratch which uses the *datomic* database. Build a Java-abstraction on top of *datalog* to support dynamic searches.

Hypoport AG

Jan 2010 - Dec 2011

Software Engineer

Full Stack

Led development of several web-services with responsibility for operations as well. Among others using *apache wicket*, *spring* and *hibernate*.

Legacy Migration

Pushed on a successful continuous migration of legacy code to reduce complexity and allow a simpler development based on Java technology.

NoSQL

Participated in examination and migration of existing data to a document-oriented format stored with *MongoDB*

freiheit.com

Dec 2008 - Dec 2009

Software Engineer

Full-Stack

Participated in design and development of various webservices with responsibility from database and operation via backend to UI and user experience with Java as core technology.

Elasticsearch

Worked with integration of free text search for large data volumes based on *apache Solr/Lucene*.

freiheit.com

Mar 2008 - Aug 2008

Software Engineer, Internship

Desktop Application

Took over the development of a *SWT* based *docbook* tool. Introduced functional and graphical improvements as well as support for rendering via *Swing/AWT*.

EDUCATION

FH Wedel
Feb 2002 - Mar 2009

Diploma Degree in Technical Computer Science
Dipl. Ing. (FH) with focus on Software Design.

SKILLS & KNOWLEDGE

Programming	Java & JVM, J2EE, Clean Code, Functional Programming, OO-Design, Type Theory, C, Erlang, Clojure, Haskell, Scala, JavaScript, HTML, CSS, Linux/Shell, VCS, \LaTeX , ...
Java	JUnit, JaCoCo, Wicket, Tapestry, JSP, Vaadin, Struts 2, Hibernate, Spring, Guice, Solr/Lucene, SWT, AWT, Swing, Tomcat, Jetty ...
Methodology	TDD, BDD, Feature Driven Development, Scrum, Kanban, Systems Thinking

INTERESTS & ACTIVITIES

Programming	PL Design & Type systems, Concise reasonable code, static program analysis & checking, Free Software, Systems Thinking.
Otherwise	Gardening and vegetable growing, swimming, cooking and baking, wooden house restoration and maintenance, working with hand tools, antique furniture.

PROJECTS & RESOURCES

http://github.com/jbee/	Home of old and new spare time projects of mine
http://jbee.github.io/	Overview of more recent projects of mine
http://www.bruno-lang.com/	A systems programming language I'm designing
http://www.silkdi.com/	A Java DI library i created

Last updated 2015/04/30