

# 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

### Contribute

Sep 2015 - Apr 2016

### *Software Engineer*

#### Consultant

Responsive redesign of a large government website with Java backend and *Angular/JS* frontend.

### IST International

Feb 2012 - Jun 2015

### *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 allow for faster, 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

Improved a *SWT* based *docbook* tool, added 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, Clean Code, Functional Programming, OO-Design, Type Theory, Programming Languages, C, Erlang, Clojure, Haskell, Scala, JavaScript, HTML, CSS, Linux/Shell, VCS, $\LaTeX$ , ...
Java	J2EE, JUnit, JaCoCo, Wicket, Tapestry, JSP, Vaadin, Struts 2, Hibernate, Spring, Guice, Solr/Lucene, SWT, AWT, Swing, Tomcat, Jetty ...
Methodology	TDD, BDD, DDD, Scrum, Kanban, Feature Driven Development, 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, cooking and baking, wooden house restoration and maintenance, working with hand tools, antique furniture.

## PROJECTS & RESOURCES

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

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