Jan Bernitt

Personal Data

Date of birth	1980/05/28
Address	Storgatan 11, 364 31 Åseda
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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

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