http://blog.oldo.org/
kontakt@oldo.org

IT Skills

- **Programming languages:**
  Expert level: Java, bash

- **Web Technologies:**
  HTML5, CSS3, XML/XSL, JQuery, Servlets, JSF, Spring Web Flow, GWT, SVG, Unicode / i18n

- **Java Technologies:**
  Java 6/7/8, JEE, Spring, Hibernate, JDBC, JMS, Java Mail, Swing, Web Services, JAXB, JAXWS, Ehcache, Log4J

- **Software Engineering:**
  OOP / OOD, UML, Design Patterns, MVC, Refactoring, Test-Driven Development, Extreme Programming (XP), Agile / Iterative methods

- **Project Management :**
  Confluence, JIRA, Bugzilla, Aegis, OTRS, JSPWiki, MediaWiki

- **Development Tools:**
  IntelliJ, Eclipse, Netbeans, Vim, Maven, Ant, Git, SVN, CVS, Perforce, Teamcity, Hudson/Jenkins, Bamboo, JUnit, HtmlUnit, Selenium

- **Servers / Databases:**
  Glassfish, Weblogic, JBoss, Tomcat, Jetty, Oracle, Postgres, MySQL, MariaDB, Apache Derby

- **Operating Systems:**
  Debian GNU/Linux, Ubuntu OpenSolaris, MacOS X, Windows, Cygwin

Professional Profile

I am a Software Engineer and IT professional with a focus on object oriented development and design, preferrably using Java and Open Source components.

My IT skills are based on 35+ years of hands-on programming experience, professional software development since 1995 and a broad academic background.

I help teams to achieve quality results and customer satisfaction through practices like intention-driven development, continuous integration, frequent code reviews and controlled refactoring.

I have developed applications in domains like aerospace, internet services, oil & gas, steel, postal services, finance, government and small businesses.

Education and Studies

University of the Saarland, Germany
1998-2002   State examination in Mathematics and German
1995-1998   Intermediate Diploma in Computational Linguistics

IBM Scientific Centre, Heidelberg, Germany
Summer 1996 Research project in Computer Assisted Language Learning (CALL)

University of Sussex, United Kingdom
1994-1995   ERASMUS scholar, Certificate in Maths & Informatics

Technische Universität Darmstadt, Germany
1991-1994   Intermediate Diploma in Maths and Informatics
1991-1993   Intermediate Examination in History

Claus-von-Stauffenberg Schule, Germany
until 1990   High School Diploma, highest GPA of the school year

Work experience

IMP Solutions, Halifax, Nova Scotia
2015-now   Software Developer: Helicopter Maintenance, Java, GWT, Hibernate

CGI, Halifax, Nova Scotia
2008-2015 Senior Consultant / Software Engineer: Enterprise Java systems

SupportSoft, Halifax, Nova Scotia
2007-2008 Software Engineer: J2EE, JMS, Caching, Web Services, Unit testing

iKu Systemhaus AG, Saarbrücken
2002-2004, Software Engineer: Swing and Web client/server applications, email
2005-2006 security solutions, all stages of the software development life cycle

University of the Saarland, Maths Teaching Library
1999-2001 Library Assistant, Linux admin, Java developer, online catalog search

i2c Systems, Bad Homburg
2000   Requirements and Design for multi-language J2EE applications

DFKI Saarbrücken, Language Technology Lab
1995-1996 R&D assistant : Semantic data extraction, Web development

KfW Bankengruppe, Frankfurt/Main
1995-1999 Software Developer : Object-oriented user interfaces, Oracle DB, C++

Desktop Display Ltd., Brighton, UK
1995   Internship as web developer using NCSA webserver

Software Projects

In all of these projects I worked as principal / core developer or team lead:

IMP Solutions – FMAS: Fleet Management and Analytics System for the Canadian Search and Rescue helicopters

[Java 7, Hibernate, Lucene, GWT, MariaDB, Tomcat, Intellij, SVN, Maven, Linux, Atlassian tools]

CGI - Capital Markets: As a senior software engineer I worked for a large international investment bank on advanced Java features of complex systems and provided technical guidance to our developer teams in business domains like Clearing, Risk Management and Fixed Income.

[Java 7, JPA, Spring, Oracle, Coherence, Tibco, JMS, JGroups, Intellij, Maven, Jenkins, Nexus, Linux]

CGI - Oil & Gas AMS: I was the Senior Software Engineer for our service delivery to a major Canadian oil & gas company, maintaining 150+ Java based web applications, with a team of 5 - 10 Java Developers.

[Java 6, Tomcat 6, IntelliJ, Struts, JSP, GWT, Spring, Hibernate, iBatis, Ant, RMI, Confluence, JIRA, Bamboo]

CGI - Wealth Core Platform: During one of the biggest software projects at CGI, I served as Technical Lead for the UI layer, building a custom framework, coordinating about 10 developers across four CGI locations.

[Java 6, Spring Web Flow, JSF 1.2 / Facelets, Tomcat 6, Spring, JAXB, JUnit, Eclipse, Maven, Hudson/Jenkins , SVN]

CGI - Canada Post - BDT: Business tool that prints all paperwork and automates the shipping process.

[Java 5, Spring, XML/XSL, XSL-FO, Apache FOP, TestNG, PdfBox, Weblogic, IntelliJ IDEA, Maven, SVN]

SupportSoft - ServiceGateway: Remote management of home network devices using TR-069

[J2EE, Weblogic, JBoss, EJB, JMS, Web Services (XFire), EhCache, Oracle 10g, Perforce, Adobe Flex]

iKu - SPONTS: A Java based SMTP, POP3 and IMAP proxy that provides mailserver security features.

[Java, SMTP/S, POP3/S, IMAP/S, Apache Tomcat, Hibernate, Apache Derby, I18n, Embedded Linux]

iKu - LI Inspektor: Lawful Interception (LI) testing tool for the German Federal Network Agency

[Java, JSF/MyFaces, Hibernate, JavaMail, Apache FTP, POP3/S, IMAP/S, SMTP/S]

iKu - Bodward: An email monitoring store that plugs into Lawful Interception solutions

[Java, Apache FTP API, Java RMI, TCP networking, Hibernate, Apache Derby, dom4j]

iKu - emVisu: Visualizes heavy plate temperatures for the steel manufacturer Dillinger Hütte GTS

[Java Swing, Custom Swing Widgets / LayoutManager, RMI, JMS, JDBC, MySQL]

iKu - AutoCool: Cooling plans visualization and process control for Dillinger Hütte GTS

[Java Swing, Input Validation Framework, DAO Pattern, JDBC, MySQL]

iKu - HSA Control: Steel plate branding machine control UI for Dillinger Hütte GTS.

[Java Swing, JMS, RMI, Custom Datagram Protocol, C struct parsing]

iKu - Plakatdrucker: A webshop for customizable print products

[Apache Tomcat, JSP Custom Tags, CSS, Apache FileUpload, JavaMail, JDBC]

iKu - IceWorld: Monitoring and configuration tool for the N-TEC Icebox RAID system

[Java, Tomcat, JSP Custom Tags, CSS, RXTX/Comm, RMI, Java Swing, Swing DnD]

iKu - CashTrend: Calculation and generation of financial OpenOffice documents based on customer data

[Java Swing, OpenOffice Java API, JDBC, MySQL]

MdBib: Online Public Access Catalogue (OPAC) for a library of at the University of the Saarland.

[Apache Tomcat, Apache Jserv, Java Servlets, MySQL]

KfW - Infrastruktur: Migration of the mainframe based IT of KfW Bankengruppe to a client/server infrastructure.

[OOD/OOP, Gupta/Centura, Win32 API, C++, IBM RS/6000, IBM IMS, Oracle DB]