

Oliver Doepner

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IT Skills

- **Programming languages:**
Expert: Java, bash
Sometimes: Scala, Clojure, Groovy, JRuby, JavaScript
- **Web Technologies:**
XHTML, CSS, XML/XSL, EcmaScript, Adobe Flex, Servlets, JSF / Facelets, Spring Web Flow, Wicket, GWT, SVG, Unicode / i18n
- **Java Technologies:**
Java 5+, JEE, Spring, Hibernate, JDBC, RMI, JMS, JavaMail, 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, csv files
- **Development Tools:**
Eclipse, IntelliJ, Netbeans, Aptana, Vim, Maven, Ant, Aegis, SVN, CVS, Perforce, git/mercurial, Teamcity, Hudson/Jenkins, JUnit, TestNG, HtmlUnit, Selenium
- **Servers / Databases:**
Glassfish, Weblogic, JBoss, Tomcat, Jetty, Oracle, Postgres, MySQL, Apache Derby
- **Operating Systems:**
Debian GNU/Linux, Ubuntu OpenSolaris, MacOS X, Windows XP, Cygwin

Professional Profile

I am a Software Engineer and IT professional with a focus on Object Oriented Development and Design, preferably using Java and Open Source components.

My [IT skills](#) are based on 20+ years of hands-on programming experience, [professional software development](#) since 1995 and a broad [academic background](#).

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

I have [developed applications](#) for digital service providers, oil & gas, steel industry, postal services, financial institutions, government agencies and various medium-sized 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

CGI, Halifax, Nova Scotia

2008-now Senior Consultant / Team Lead: Design, Implementation and unit testing of Enterprise Java systems, Java / JEE consulting.

SupportSoft, Halifax, Nova Scotia

2007-2008 Software Engineer: Design, Implementation and Testing of large J2EE project, expert for JMS, Object Caching, WS security, Date/Time handling, DAOs, Log4J, JUnit

iKu Systemhaus AG, Saarbrücken

2002-2004, Software Engineer and Project Lead: Swing applications, web applications, client/server systems, mail server components

University of the Saarland, Maths Teaching Library

1999-2001 Development of an OPAC using MySQL and Apache Jserv, Administration of Debian GNU/Linux systems

i2c Systems, Bad Homburg

2000 [Requirement Specification](#) and Architecture Design for Multiple Language Support in J2EE applications

DFKI Saarbrücken, Language Technology Lab

1995-1996 Research assistance, Tool development for Human Name extraction, Website automation with Perl

KfW Bankengruppe, Frankfurt/Main

1995-1999 Object Oriented Development with Gupta/Centura and Oracle, Code Repository metadata generation with C++

Desktop Display Ltd., Brighton, UK

1995 Web Application Project using CGI on NCSA webserver

Software Projects

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

Encana AMS: As Senior Software Engineer I am responsible for the technical quality and efficiency of our service delivery for Encana's Java applications, mostly webapps in a Tomcat environment, working with a team of 5 - 10 Java Developers.

[Java 6, Tomcat 6, IntelliJ IDEA 10.5, Struts / JSP, GWT, Spring, Hibernate, iBatis, Apache POI, Ant, RMI, Atlassian Dev Tools (Confluence, JIRA, Bamboo)]

CGI - Wealth Core Platform: This solution for the financial sector was one of the biggest Software Development projects at CGI. I served as Technical Lead for the UI layer, designing and implementing a UI framework using Spring Web Flow / JSF. I coordinated up to 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]

Canada Post - BDT: Business Desktop 2.0 is Canada Post's Electronic Shipping Tools (EST) application. It is a client/server Java application that prints all paperwork required for business mailings and shipments and automates the shipping process.

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

ServiceGateway: SupportSoft's enterprise solution for remote configuration and management of home networks. Built for the DSL forum standard TR-069, it is used by DSPs throughout the world.

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

SPONTS: An SMTP, POP3 and IMAP proxy that provides spam and virus protection, online backup, email monitoring and other mailserver security features.

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

LI Inspektor: An application for the German Federal Network Agency to simulate all email procedures necessary to test Lawful Interception (LI) systems for legal compliance.

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

Bodward: An email monitoring store that plugs into Lawful Interception solutions. It works as a server that collects LI reports and provides a Java RMI API to access the accumulated data.

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

emVisu: A client/server solution to collect and visualize measured temperatures of heavy plates for Dillinger Hütte GTS, one of the biggest steel manufacturers in Europe.

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

AutoCool: A distributed system for the creation and management of steel plate cooling plans including visualization and process control, also for Dillinger Hütte GTS.

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

HSA Control: GUI application to control a steel plate branding machine for Dillinger Hütte GTS.

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

Plakatdrucker: A webshop for print products including rule-based product compilation, price and delivery calculation, customer management, PDF/JPG upload and messaging.

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

IceWorld: Monitoring and configuration software for the N-TEC Icebox RAID system including an on-board server component with embedded webserver and RMI interface as well as a Swing client.

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

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]

Infrastrukt: 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]