

# Manfred Moser

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## Summary

As a senior software engineer with internationally gained team leadership and project management experience I facilitate my strong science/engineering background. I apply my knowledge of software architecture, database design, object-oriented design, modeling and programming using agile development processes to deliver optimal results for my clients and employer. I am fluent in both German and English and a good cross-function communicator with experience in conducting lightning talk sessions, group meetings, presentations, workshops and discussion sessions. Areas of expertise include:

- extensive understanding of all phases of the software development life cycle
- full stack troubleshooting and problem solving of multi-tier systems
- business analysis, architecture and design with full client/user interaction
- system administration
- team, resource and time management with a good sense of leadership and responsibility and mentoring experience
- user interface design
- text, layout, design and preparation of presentations, reports, web sites
- in depth knowledge of hardware and software

## Technical Qualifications

Programming and Markup Languages	Java, Groovy, SQL, Javascript, Unix shell scripting, PHP, VB Script, ASP, Basic, Fortran, Pascal, C/C++ (X/D)HTML, XML, XSL(T), XSD, (La)TeX,
Operating Systems	Linux (Ubuntu/Debian, Red Hat/CentOS, Android, SUSE), Windows
Development Tools	IntelliJ IDEA, Eclipse, Maven, Ant, Anthill, Bamboo, Nexus, Continuum, Subversion, CVS, VSS, Fisheye, Crucible, JIRA, Testlink, VisualVM, YourKit, Squirrel SQL Client ...
Java Related Programs and Libraries	JBoss JEE Application Server, Tomcat, Jetty, JBoss Seam, JBoss JBPM, JSF/Facelets, Mule ESB, Apache Camel, Jasper Server, Jasper Reports, JFreeChart, Apache Commons*, Spring Framework, JDBC, Hibernate, EJB3/JPA, Android and many more
Other Server Software	PostgreSQL, Oracle, MySQL, MS SQL Server, HSQLDB, Apache httpd

## Professional Experience

**Genologics Life Sciences Software, <http://www.genologics.com>, Victoria, Canada**

Senior Software Developer, 2007–2009

- lead projects around build and release process improvements resulting in significant benefits for the whole team with regards to time per build, documentation and horizontal scalability
- implemented integration of JasperServerPro as embedded reporting and data mining solution and provided training and mentoring for further improvements
- spearheaded initiative for development infrastructure improvements exposing need for dedicated staff and benefiting every developer daily
- participated in various projects enhancing the multi-tier laboratory information management system as senior developer including architecture, design and code reviews resulting in

enhanced code base as well as project management and development process practices

**CardioComm Solutions, <http://www.cardiocomm.com>, Victoria, Canada**

Senior Software Engineer, 2003–2007

- extended JasperReports/JFreeChart based reporting solution accessing legacy system
- managed infrastructure for Java based development including version control, build server, repository server and project management tool
- provided technical input for quality management processes leading to allowing CSV and SVN for ISO/FDA compliant tracking and other improvements
- introduced agile development practices into ISO/FDA compliant development process
- designed and built architecture for next-generation, web-based ECG management platform using JBoss Seam, JasperServer and Mule

**eVolition Pty. Ltd., <http://www.evolution.com.au>, Melbourne, Australia**

Business Intelligence Consultant, 2002–2003

- successfully consulted at major Australian energy provider starting from initial discussions and requirements development through the actual implementation to production usage of various operationally critical reports leading to multiple contract extensions
- assisted other consultants on various client sites as programmer and report designer for Business Objects implementations including all Business Objects products as well as VB(A) programming, SQL programming, Oracle and PL/SQL work and server system administration
- project manager, system administrator and web master for distributed company IT infrastructure implementing web mail system and web based group-ware system enabling email access, shared contacts, time tracking, billing and more to all remote consultants

**Sportal Australia, <http://www.sportal.com.au>, Melbourne, Australia**

Web Developer & Consultant, 2002

- provided continued support and enhancements for major Australian sports related portals

**iBase Global Pty. Ltd., <http://www.ibaseglobal.com>, Melbourne, Australia**

Senior Developer, Project Manager & Development Team Leader, 2000–2002

- designed content management system and lead implementation including mentoring juniors
- lead development team with up to 15 members working on multiple projects
- developed various extensions for the CMS for specific sports related functionality
- managed various implementation projects including business analysis and solution design with the client, resource management, time allocation, implementation, tracking and reporting

**Soziale Arbeit GmbH SAG, <http://www.soziale-arbeit.at>, Salzburg, Austria**

Information Technology Officer, 1999–2000

- lead developer for development and implementation of a distributed client database system CADIS `Computer Aided Documentation In Social Work'
- redesigned and implemented new company logo and web site including all departments
- authored technical documentation for CADIS with sections for users as well as developers
- internal hardware and software consultant

**Austrian Mobility Research, FGM-AMOR, <http://www.fgm-amor.at> , Graz, Austria**

Scientific Employee, 1997–1999

- worked as project manager and research scientist for the EC research project MATADOR (Management Tool for the Assessment of Driveline technologies and Research) and successfully changed focus of the project due to research results gathered from interviews

- conducted across Europe
- project manager and developer for the implementation of the corporate web site
- contributed research for the Car Free Tourist Villages project and the multimedia educational projects EDITION and RIDE
- supported all staff with English language and computer/Internet related expertise

## **Education**

### **MSc Applied Physics**

Technical University Graz TUG in Graz, Austria 1990–1997 and Royal Melbourne Institute of Technology RMIT in Melbourne, Australia 1996–1997 completed with Distinction

### **Technical Environmental Protection**

interdisciplinary postgraduate course attended in parallel with physics degree 1993–1997

### **Linux Professional Institute Certified**

LPIC1 – Level 1 Linux System Administrator 2003