

PERSONAL DATA

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Marcus Wolschon worked for nearly 9 years in the industry, 4 of which as a freelancer. As a skilled developer he has worked on numerous projects in the field of well documented medical software that is to pass certifications and is currently trying to expand his field of work into more conventional business-areas while keeping his high quality of work. He studied computer science at the universities of Rostock and Freiburg. After certifying as a Sun Java Programmer during the version 5 beta-program and publishing a book about biometrics and RFID he is now developing and maintaining various systems in the Java and .NET –world as well as legacy SAS-systems and the occasional embedded C or assembler-project.

SKILLS

APPLICATIONS

Linux/Unix-systems (i386/arm/mips), DB2/MySQL/PostgreSQL, Eclipse (also plugin-development), Visual Studio

PROGRAMMING- / META- / SCRIPTLANGUAGES

Java, C#, C++, Assembler / UML, XML(XSLT/Schema), SQL / Web technologies (PHP, JSP, ASP.NET, HTML, CSS)

AREAS OF EXPERIENCE

Enterprise and backend development, data-security, cryptography, biometrics and virtualisation

FRAMEWORKS

Java: Swing, JMF, hibernate, ULC, JDBC, JNI, JMS, JINI, Struts, JNDI, JSP and junit.

.Net: WinForms, Windows Communication Foundation, Windows Workflow, Windows Presentation Foundation, xUnit and Office Integration

MISCELLANEOUS

Language skills: English: Unicert3-certified fluency in written and spoken
German: native speaker
Russian: basics
Japanese: basics

Additional qualifications: Sun Certified Java Programmer 5, published author, multiple competitions, various trainings

PROFESSIONAL EXPERIENCE

2003 – 2004: NEW CLINICAL MANAGEMENT IN J2EE VIA MDA – CALCUCARE GMBH

ACHIEVEMENTS

Working Prototype of highly customizable CMS
Large amount of infrastructure generated from UML
Highly automated test-environment

RESPONSIBILITIES

- Java Developer
- Custom ArcStyler Cartridge-developer

TECHNOLOGIES

- Model Driven Architecture
- UML
- J2EE 2
- Ant-Task Development

05/2006: AUDIT-LOGGING AND DIGITAL SIGNATURES - CALCUCARE GMBH

ACHIEVEMENTS

audit-compliant long-term logging and retrieval of user-data
reproduction of logged data in changing systems and user-interfaces
SigG-compliant signing and long-term archiving of medical letters

RESPONSIBILITIES

- Developer

TECHNOLOGIES

- J2EE 2.1
- X509 PKI

09/2005 – 10/2005: OCL4JAVA – PROF. JOHNER INSTITUTE

ACHIEVEMENTS

OCL-integration from UML into the eclipse system
Automatic java- code-generation for the OCL-language of UML

RESPONSIBILITIES

- freelance developer

TECHNOLOGIES

- Object Constrains Language
- UML
- Eclipse-Plugin Development
- Ant-Task Development

06/2005 – 10/2005: AUTOMATING FINANCIAL ACCOUNTING/TAXES - OPEN SOURCE

ACHIEVEMENTS

java-interface to the gnucash accounting-system
jsp, php and ajax-based google-web-toolkit -user interface
certified submission of german taxes

RESPONSIBILITIES

- project maintainer

TECHNOLOGIES

- Java Server Pages

11/2006: AUDIT-COMPLIANT ARCHIVING SOAP-INTERFACE - DACACO GMBH

ACHIEVEMENTS

Audit-compliant archiving of automatic measurements
inhouse application for measurement.-retrieval
Audit-compliant deletion of measurements

RESPONSIBILITIES

- freelance developer

TECHNOLOGIES

- Soap
- Java Server Pages

SINCE 12/2007: VISUAL RULE-MODELLUNG - NEPHROCARE E-SERVICES GMBH

ACHIEVEMENTS

Visual modeling of touring-complete rules
Integration with database-modeling of project below

RESPONSIBILITIES

- Quality-control and review

- Asp.net developer

TECHNOLOGIES

- MS Windows Workflow Foundation
- Visual Studio Team Systems

SINCE 10/2007: OFFICE-INTEGRATED REPORTING - NEPHROCARE E-SERVICES GMBH

ACHIEVEMENTS

Intuitive and flexible reporting-service for untrained users
purely graphical query-building for office-users

RESPONSIBILITIES

- Backend Microsoft database-integration
- SOAP-interface specification and integration into other projects (Visual Logic)

TECHNOLOGIES

- MS Office .Net-API

SINCE 08/2007: GEO INFORMATION SYSTEM-DEVELOPMENT – OPEN SOURCE

ACHIEVEMENTS

Fully functional navigation and route-planing system in 4 month.

RESPONSIBILITIES

- Project-manager for a new navigation-system (3 developers)
- Project-manager for a java-binding to OpenStreetMap

TECHNOLOGIES

- Java

03/2007 – 04/2007: SEARCHENGINE FOR MEDICAL REGULATIONS – JOHNER INSTITUTE

ACHIEVEMENTS

Fully Ajax and template-based search-engine
Classifying all international-regulations regarding medical software-development and certification

RESPONSIBILITIES

- Design and development

TECHNOLOGIES

- LAMP

10/2006 – 12/2007: CRM-SYSTEM - BIOCOMFORT GMBH&CO KG

ACHIEVEMENTS

Developed SOAP-based lead-capture –system

Certifiable Multi-level ticketing-system for medical-devices
Developed customized callcenter-desktop-system
Integration of warehousing, customer-software-update system and callcenter

RESPONSIBILITIES

- Client Consultation
- Adaptation and custom development
- Maintenance of production-systems

TECHNOLOGIES

- SOAP
- SugarCRM
- LAMP

SINCE 01/2007: DOCUMENT-MANAGEMENT AND CRM-SYSTEM - EMEDYS AG

ACHIEVEMENTS

Customized CRM-system for clinic-networks
Customized document-management and –workflow system for clinical suppliers

RESPONSIBILITIES

- Adaptation and custom development
- Maintenance of production-systems

TECHNOLOGIES

- SugarCRM
- LAMP

12/2006: PUBLISHED BOOK- VDM-VERLAG

ACHIEVEMENTS

published “Praxistaugliche Biometrie und RFID – Neue Möglichkeiten der Authentifizierung”
book sold steadily

RESPONSIBILITIES

- Author

TECHNOLOGIES

- BioAPI
- Fingerprint-Recognition
- RFID-Scanners

10/2005 – 10/2006: PROJECT-MANAGEMENT-TOOL - CALCUCARE GMBH

ACHIEVEMENTS

integrated, audit-compliant project-management tool
audit-compliant requirements and ticket-management
integration with eclipse-ide
integration with SVN, CVS and Visual SourceSafe –version control

integration with windows-explorer

RESPONSIBILITIES

- Inhouse project-lead

TECHNOLOGIES

- Eclipse-Plugin Development
- Lamp

2002 – 2003: EMBEDDED ROBOT-DEVELOPMENT – UNIVERSITY OF FREIBURG

ACHIEVEMENTS

new physics-model for soccer-robots
Team won multiple world-masters

RESPONSIBILITIES

- Developer
- contact for physicists

EDUCATION

2002 – 2005:	Study of computer science at the Albert Ludwigs University of Freiburg
1998-2002:	Study of computer science at the University of Rostock
2000-2002	First work-experience in software-development
1994	Internship at CIS GmbH (software development)
1990-1991	First computer-programming course (1 year)
1985-1997	Gesamtschule Mitte of Rostock