

General Details

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22 October 1970

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Education

Sun Certified Programmer for the Java 2 Platform, Standard Edition 5

Chemical Engineering, 1990–1995. Cum Laude
State University Groningen (Groningen)

Propedeuse Chemistry, 1989–1990. Cum Laude
State University Groningen (Groningen)

Atheneum, 1983–1989
Fivelcollege (Delfzijl)

Personal Summary

Martin has over twelve years (started in 1994, being a student in Chemical Engineering) of experience in the field of software engineering. He is a senior Java architect with a broad knowledge in the area of J2EE, (web-)application servers, tools and software development methodologies.ence in software development. Worked on many projects, in multiple roles, ranging from developer to technical project leader. Started Doubleforge with Drs. ing. D.A. Smedes (Arjen) in February 2004.

Personal Strengths

- Strong analyzing skills
- Customer oriented
- Productive
- Flexible
- Team player
- Broad experience in the market

Technical Competencies

Java Application Server Software

- JBoss
- Apache Tomcat

Database Server Platforms

- Oracle Database Server
- MySQL
- Postgress

Operating Systems

- Linux (Preferred Platform) / Solaris / BSD
- Various Microsoft Operating Systems

Tools & Techniques

- Tools: Ant, make, maven, apache, iptables, TogetherJ, OpenOffice/Office
- Techniques: Java, J2EE, JSP, Servlets, Struts, Swing, HTML, XML, XSLT, SMS/SMPP, MMS/MM7 WapPush, UML
- Server Software: apache, postfix, squid, dhcpd, bind, openvpn, Firsthop Message Router, openldap
- Version Control: Subversion, CVS, Rational Clearcase, Microsoft VSS

- IDE: Netbeans, emacs, vi :-)
- Development processes: DSDM

Programming Languages

- Java
- Perl
- Javascript
- Unix Scripting
- SQL, PL/SQL
- Fortran

Languages

- Dutch My native tongue. I speak and write it fluently.
- English I speak/write it well. Worked in several projects in which English was the primary language used.
- German I understand it pretty well. Have spent the last two-and-a-half years in Germany...

Project History

Java Software Developer/Designer/Director

Doubleforge

April 2005–Current

Project

With Doubleforge various Java projects have been executed, in which Martin was involved in Design, development, deployment and maintenance. Examples of such projects are a web-based resource planning system for gardenervoor hoveniers, a web-based planningssystem for a company selling bicycle holidays and a web-based system for an insurance company to register and deregister car insurance policies via sms or mobile internet.

Activities

- Design/development/deployment of web-based Java applications with an emphasis on functionality and not on frontend gui design.
- 24/7 Support on self-developed software applications

Technology Focus

- Java/J2EE
- Struts/Hibernate
- JBoss Application Server
- Unix shell scripting
- Linux

Support Engineer

Vodafone Global

April 2005–Current

Project

Vodafone has centralized the hosting of all Vodafone Live! portals in Germany. Vodafone Live! is a platform for consumers to access a large variety of mobile services. The application management function is centralized in Duesseldorf. A very technical job. Martin was part of the application management group.

Activities

- Solving a wide variety of incidents with the Vodafone Live! platform.

Technology Focus

- Sun Solaris 10
- Java/J2EE
- XML (XHTML, XSL)
- WML

- JBoss Application Server
- Unix shell scripting

Java Application Support Engineer

*Vodafone Content Services
January 2005–March 2005*

Project

Working in an operational environment. Maintaining, modifying, troubleshooting, optimizing VCS applications like the Vodafone website, Vodafone Live! and it's backend systems. Main objective was to have good performing application servers with the highest availability possible.

Activities

- First Line (24/7) support in case of major, non standard, failures.
- Execution of changes on production platforms.
- Troubleshooting production issues, ranging from Java Virtual Machine issues, application errors to failing network connections.
- Advicing and assisting implementation of various sms/mms/wap push based services

Technology Focus

- No specific technology focus, besides Java and Weblogic. Work is incident driven, so technology involved will depend on incident, so a broad knowledge, i.e. knowledge of many aspects of the portal was required for this project.

Support & Integration Engineer

*Vodafone Content Services
June 2003–December 2004*

Project

The Support and Integration department was responsible for supporting production software, i.e. support both the Vodafone websites as well as the Vodafone Live! Websites in the sense that errors encountered in these platforms should be solved and the department was responsible for integrating new applications in the operational environment.

Activities

- Solving priority production issues, mainly targeting website and sms/mms/wappush related issues.
- Implementation/support message router platform.
- Implementation high score games platform.
- Advice on architectural issues.
- Giving support to the Operational Department.
- Writing Request for Changes to have changes executed on production.
- Giving support when software is taken in production.

Technology Focus

- Java/J2EE/Servlets/JSP
- Apache
- squid
- unix
- firsthop

Java Consultant

*Vizzavi/Vodafone Content Services
February 2002–May 2003*

Project

Vodafone Content Services builds and maintains portals for web and mobile telephony (Vodafone Live!), delivering paid and free services. Examples of these services are news, weather & traffic news, email and several SMS services.

Activities

- Member of the Structural Improvement Team (SIT). The aim of this team was to make structural improvements in the code base.
- Production support for Vizzavi portal.
- Creation ringtone services.
- Implementation of a variety of functionality for Vizzavi's portals, based on J2EE technology; implementation of complex message routing for SMS and MMS.
- Technical liaison between Vizzavi and several third parties who deliver external services to the Vodafone Live! Platform, like ringtone services or games downloads.

Technology Focus

- J2EE, BEA Weblogic 6+, Java, Jsp, Servlets, HTML, XML
- SMS/SMPP, MMS/MM7, WapPush/PAP
- Builds tools ant/make
- Shell scripting
- Oracle Database Server

Developer

Baan

January 2002–February 2002

Project

Baan is a leading supplier for ERP systems. One of their middleware products, OpenWorld 3.0 was due to be released to the market. The product is positioned as an integration layer (like SAP XA) between Baan ERP systems and other (legacy) systems. XML messages are used to implement a layer between the heterogenous systems (comparable to the SOAP protocol). To implement the conversion layer between the different protocols, XSLT transformations were used.

Activities

- I worked as part of the development team for OpenWorld 3.0.

Technology Focus

- XML/XSLT
- Java/multithreading
- Technical design

Technical Designer

Portlog B.V.

February 2001–January 2002

Project

Portlog is a Dubai based company executing the administrative workload for ship operators around the world. Before a ship enters a port, the ship operator or ship manager negotiates with a shipping agency to arrange for berthing, unloading, tugging, fresh water, etc. A quotation is made by the shipping agency and after approval, the activities are executed and billed to the ship operator. The shipping agency sends the bill to the ship operator. The bill and receipts are checked and after approval, the bill is paid to the agency. Portlog wanted to build a webbased system, available 24x7, to enable shipping agencies and ship operators to execute the quotation process and the reporting of agencies of actuals against those quotations, once approved (the so called disbursement account process). Furthermore, Portlog wanted to implement a backoffice function in Dubai whereby all administrative handling of receipts was done in Dubai instead at the ship operator's offices. To complement this function, Portlog wanted to implement a backoffice software system, which included the scanning of receipts and the linking to the disbursement accounts for a portcall. This information should be made available to ship operators and ship agents worldwide.

Activities

- Technical project leader for the project with a team of ten people.
- Been to Dubai to assist in the implementation of the system.

Technology Focus

- Java/J2EE/JBoss
- HTML/Javascript
- Oracle Database Server
- LDAP

Technical Consultant

Sun Microsystems

September 2000–January 2001

Activities

- Hired by Sun Microsystems as a Java developer and technical consultant to assist with the development and implementation of the Vizzavi Portal.
- Involved in replacing Microsoft VSS with CVS.

Technology Focus

- Java/J2EE
- BEA Weblogic
- CVS

Technical Designer

Wolters Noordhof

April 2000–August 2000

Project

Wisdom Information Consultants has built a Java Swing application which was packaged with the 52nd edition of the De Grote Bosatlas (Senior School Atlas). The application provides a wealth of statistical data and search facilities and was implemented as a state of the art Java Swing application with a JDBC backend.

Technology Focus

- Java/Swing
- JDBC/DBF

Consultant/Technical Designer

Thrulogic

January 2000–March 2000

Project

Thrulogic is a software product organisation with a focus on business process support. They are the creators of Peforce. The product is a webbased solution for project management, human resource management and relation management. In parallel to ongoing business, a redesign to the J2EE platform is considered.

Technology Focus

- J2EE Consultancy
- UML Design

Analyst/Developer*KPN**January 1999–December 1999**Project*

Outsourced to KPN as an analyst/developer. Analysis, writing of functional specifications, technical backend design, technical frontend design and development of new functionality of the Mobiel OnLine application were the main tasks to perform. Mobiel OnLine is a webbased application for KPN Mobile. MOL was designed to support the selling process of mobile phones and subscriptions.

Consultant/Technical Designer/Developer*KPN**January 1998–December 1998**Project*

Design and development for Mobiel Online (MOL), a webbased application for KPN Mobile. MOL was designed to support the selling process of mobile phones and subscriptions. Customers would go to a KPN reseller and order their mobile phone and subscription. MOL does the order intake and communicates with the customer care backend system of KPN Mobile (MCCS). Also, online checks are performed at several third party systems, such as a drivers license check and creditcheck. Within ten minutes, the customer would have an activated mobile phone. As a designer and developer I was part of a project team of over 30 people.

Activities

- Went to India several times to help developing the application abroad.
- As a consultant I was involved in setting up the thirdline support procedure for MOL and have been part of the team executing this support for a while.
- As a consultant / designer I was part of the functional design team after MOL R1.0 went live. A number of releases were designed and built after R1.0. The system was live at over one hundred shops in The Netherlands for years.

Technology Focus

- Oracle Web Application Server
- Oracle PL/SQL
- HTML / Javascript
- Java

Information Analyst/Technical Designer*KPN**July 1997–December 1997**Activities*

- Design and development of Wiskid, a webbased communication and knowledge base system for the call center.
- Part of the project was the development of the Wiskid database, the design of the security infrastructure of the application.
- Tuning of the search engine of the application.

Technology Focus

- Microsoft SQL Server
- First generation Microsoft web technology, IIS, ASP, VBScript, Javascript

Developer*NAM (Shell)**May 1997–June 1997*

Project

NAM wanted to implement Livelink, a webbased document management solution, to manage well documents.

Activities

- Implementation of Livelink
- Customizing Livelink
- Train end users

Technology Focus

- Livelink (Document management, workflow package)

Information Analyst/System Engineer

KPN - KMC

March 1997–April 1997

Project

To improve internal efficiency all processes and procedures within the KPN callcenter needed to be investigated and reorganized.

Activities

- To support process analysis a program based on internet technology was developed and deployed.

Technology Focus

- Microsoft SQL Server
- First generation Microsoft web technology like IIS, ASP

Information Analyst/System Engineer

KPN - MND

January 1997–February 1997

Project

Aim of the project was to setup a pilot how to improve communications between KPN and it's customers with the aid of the internet.

Activities

- Development and deployment of a demo version of an intranet application for KPN.
- Analysis of requirements, design of a demo application based on a merchant server and an intranet workflow management system.

Database designer/System engineer

NAM - Well Engineering

October 1996–January 1997

Project

For the NAM an Asset Management system (EZXS) was developed, fully based on internet technology.

Activities

- Development of several modules for EZXS, based on analysis results, development of prototypes and user interfaces and development of the EZXS database.

Technology Focus

- PL/SQL
- Oracle Databases/Web Application Server

- HTML/Javascript

AIO

University of Groningen

September 1995–September 1996

Activities

- Development of numerical models.
- Give college and theoretical support to students.
- Perform scientific research.
- Review scientific publications.

Technology Focus

- C++
- Fortran
- Java

Last Modified September 2007.