

## General Details

**Drs. ing. David Arjen Smedes**

29 May 1971

Male

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The Netherlands

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## Education

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

**Computer Science**, 1989–1993

Groningen State Polytechnic (Groningen)

**Business Information Technology**, 1994–1999

Groningen State University (Groningen)

**HAVO**, 1983–1988

Fivelcollege Delfzijl (Delfzijl)

## Personal Summary

Arjen has more than twelve years 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. Worked on many projects, in multiple roles, ranging from developer to project manager. Is certainly an entrepreneur. Started Doubleforge with ir. W.M. Oosterom (Martin) 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*

- BEA Weblogic
- JBoss
- Oracle Application Server
- Apache Tomcat

*Database Server Platforms*

- Oracle Database Server
- MySQL
- Postgres

*Operating Systems*

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

*Tools & Techniques*

- Tools: Ant, make, maven, apache, OpenOffice, Microsoft Office
- Techniques: Java, J2EE, JSP, Servlets, Struts1, Struts2, DHTML, CSS, XML, XSLT, UML, SOAP
- Server Software: apache, postfix, squid, openldap

- Version Control: Subversion, CVS, Rational Clearcase, Microsoft VSS
- IDE: Netbeans, Intelli-J IDEA, emacs, vi :-)

#### *Programming Languages*

- Java
- Javascript
- Unix Shell Scripting
- SQL, PL/SQL
- Some Perl

## Languages

- Dutch My native tongue. I speak and write it fluently.
- English I speak it very well. Have spent enough time in English spoken countries like India and the UK. My Indian accent is available if need be, and so is my South African, Australian and Scottish touch.
- German I understand it very well. Spent two-and-a-half years in Germany (part-time).

## Project History

### **Java Software Developer/Designer/Director**

*Doubleforge*

*April 2005–Current*

#### *Project*

With Doubleforge various Java projects have been executed, in which Arjen 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

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### **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. Arjen was part of the application management group.

#### *Activities*

- Solving a wide variety of incidents with the Vodafone Live! platform.
- 24x7 support for the Vodafone Live! platform
- Implementation of Atlassian Jira, an issue management system, for the operations department.

#### *Technology Focus*

- Sun Solaris 10
- Java/J2EE

- XML (XHTML, XSL)
- WML
- JBoss Application Server
- Unix shell scripting

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### **Technical Consultant**

*Contrado Technologies B.V.*

*Nov 2003–Mar 2005*

#### *Project*

Contrado (since 1 January 2005 taken over by Atos Origin) develops ordermanagement systems and maintains front-office systems for KPN. Arjen was a technisch consultant for the Ordermanager Engine development team and involved in a number of software process improvements projects. The Ordermanager Suite is built on a J2EE architecture, running on an Oracle Application Server (9i) and an Oracle database server.

#### *Activities*

- Prototype implementation of the Karma toolset. Within Contrado this toolset will be implemented for all developers and used to support the componentization of the Ordermanager codebase. For more information, see <http://toolforge.sourceforge.net>.
- Member of a performance tuning project for the Ordermanager software. During this project, the software was profiles extensively and major performance improvements have been implemented. The load on any Ordermanager instance has been decreased with a factor of 10, whilst the maximum response time for a request has been decreased from an average 3.5 seconds to 0.2 seconds.
- Design, development and implementation of the Ordermanager Test Suite, which is an extension on the Apache JMeter product. With the Suite, automatic smoke tests and performance tests have been implemented.

#### *Technology Focus*

- J2EE
- Oracle Application Server
- Webwork web application framework
- Apache JMeter
- Quest JProbe Suite

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### **Senior Developer**

*Vodafone Content Services (VCS)*

*November 2002–October 2003*

#### *Project*

#### *Activities*

- Development of a Java application bridging between VCS' billing system (Portal Infranet) and the Vodafone core billing system located in Maastricht. The application uses SOAP to transmit billing requests to the core system. The system is used by Vodafone Live! to submit billing requests for endusers services such as ringtones and other content.
- Part of the design and development team for the <http://www.vodafone.nl> website. The new site has been implemented using Vignette 7 as a content management backend. The content delivery side of the site has been implemented using an inhouse built portal framework communicating with Vignette. Arjen was involved in the design of the deployment agent layer that communicates with Vignette.

#### *Technology Focus*

- Java/J2EE, Weblogic Applicatie Server
- Vignette 7 Content Management
- Portal Infranet
- Sonic MQ

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**Business Consultant**

*EFKA Additives Heerenveen  
August 2002–September 2002*

*Project*

*Activities*

- Development of a system architecture for an Internet application used by EFKA's agents around the world to improve the information exchange between agents and EFKA.

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**Project Leader**

*Wisdom Information Consultants  
June 2002–July 2002*

*Project*

Internal research project for Wisdom to support her Content Management and Portal Server strategy. The study comprised an indepth product comparison of content management and portal server products.

*Activities*

- Analysis of content management systems and portal servers.

*Technology Focus*

- Content Management
- Portal Server

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**Technical Project Leader**

*Vizzavi/Vodafone Content Services  
March 2002–May 2002*

*Project*

Analysis, design and construction of a web application for the KNVB (Dutch soccer society). The KNVB wanted to implement an SMS service for amateur soccer teams, whereby teams were able to create and manage groups of people to whom they could send SMS informative messages prior to a soccer match. The main contractor was Vodafone Content Services. The technical architecture and SMS infrastructure of Vodafone was used as the basis to implement this service.

*Activities*

- I was technical project leader in a team of 10 developers.
- Technical design of the application architecture.

*Technology Focus*

- Java/J2EE
- BEA Weblogic
- Sonic MQ
- SMS-C

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**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 functioncall layer between to heterogenous systems (comparable to the SOAP protocol). To implement the conversion layer between to different protocols, XSLT transformations where used.

*Activities*

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

*Technology Focus*

- XML/XSLT
- Java/multithreading
- Technical design

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**Technical Project Leader**

*Portlog*

*January 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

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**Project Manager**

*Thrulogic Itech India*

*July 2000–December 2000*

*Project*

*Activities*

- I was responsible for the development team (15 Indian developers) from a technical perspective. Next to that, I was responsible for the succesfull delivery of projects from the USA and Europe, executed by Thrulogic Itech.
- As manager projects, I was also the liaison between India and The Netherlands for the development of Peforce, a webbased PSA product.

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**Technisch Consultant**

*Academisch Ziekenhuis Groningen  
January 2000–May 2000*

*Project*

*Activities*

- I advised the hospital on the application of new technology, such as CORBA, J2EE.
- Created an intranet application to maintain configuration management data of around active 250 software applications in the hospital.

*Technology Focus*

- Oracle Web Application Server 3.0
- PL/SQL

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**Consultant/Technisch Designer/Developer**

*KPN Telecom*

*September 1998–December 1999*

*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*

- Technical design of new functionality.
- Setup of third-line support for Mobiel On-line.

*Technology Focus*

- Oracle Web Application Server
- HTML/Javascript
- Oracle PL/SQL
- HA clustering

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**Developer**

*Academisch Ziekenhuis Groningen*

*July 1998–July 1998*

*Project*

Technical design and development of a (prototype) webbased application to enable access to patientdata in backend legacy systems. The data in legacy systems was stored in multiple Oracle databases.

*Activities*

- Technical design.
- Construction of the prototype.

*Technology Focus*

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

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**Developer**

*October 1997–February 1998*

*Project*

Implementation of EZXS, a webbased product for the oil and gas industry, providing access to well information. This project involved the installation and configuration of the product at Shell Expro in Aberdeen.

*Activities*

- Installation and configuration on Oracle Web Application Server.
- Data migration to the EZXS (Oracle) database.
- Implementation of local change requests and extensions to the product.

*Technology Focus*

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

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**Developer**

*Wisdom India*

*March 1997–June 1997*

*Project*

*Activities*

- I was posted in India for a while to help setup Wisdom India. I have been setting up the network infrastructure as well as transferring knowledge about projects and products from the Wisdom in The Netherlands.
- Knowledge transfer.
- Setting up network infrastructure.

*Technology Focus*

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**Developer**

*NAM (Shell)*

*October 1995–February 1997*

*Project*

As part of a datamining and data harmonization project, the NAM (Nederlandse Aardolie Maatschappij, owned by Shell and Esso) wanted EZXS, a webbased product for the oil and gas industry, providing access to well information.

*Activities*

- Technical design and construction of most of the v1.0.
- Technical implementation of EZXS releases at the NAM.

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**Developer**

*UNPROFOR (United Nations)*

*March 1994–September 1994*

*Project*

During his military service, I volunteered for a posting in the former Yugoslavia. I was posted at the UNPROFOR headquarters in Sarajevo with the communications department.

*Activities*

- Design and development of a DBASEIII application for the registration of incoming and outgoing

faxes.

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**Analist**

*Posford Duvivier, Peterborough, England  
January 1993–Augustus 1993*

*Project*

As a dissertation project, I worked together with a colleague student for Posford Duvivier, an engineering firm in Peterborough, England. We did research in the application of information technology in port management. The outcome of the project were recommendations for ports to apply IT in their port management processes. Another project we executed was the development of simulation software for the planning of container terminals. The software was capable of predicting the required resources (assets and handling equipment) for container terminals.

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