

Adriaan Koster**Senior Java developer**

As a senior Java developer with a background in Artificial Intelligence I have been working in enterprise integration and web application development since 1999. Fluent in all things Java I am also well versed in common technologies like relational databases, SQL, XML, scripting, HTML & CSS and operating systems. Sectors in which I have worked are: finance, insurance, medical systems, geographical systems, ticketing and e-commerce. My usual role is developer. I can also act as team leader, architect, coach or instructor.

Assignments

KLM, Schiphol-Rijk, April 2011 - February 2012: Developer in Manage My Booking project. Extend the KLM website with new features, both in frontend and backend. Extend the admin tool. Building a Maven plugin for automated deployments. Technology: Java 6, Spring Web MVC / Webflow, DWR, Maven 2 & 3, Nexus, DeployIT, SOAP, JAX-WS, SoapUI, SSO, javax.crypto, Hibernate, Oracle, Toad, Eclipse / RAD 7.5, Websphere 6, Tomcat, Subversion, Tortoise, Confluence, JIRA, Bamboo, Sonar, EclEmma.

Bureau de Wit, Almere, April 2010 - April 2011: Independent assignment. Extend a web application with live (wireless) temperature measurements, monitoring and alarm notification. Rebuild the Struts application in Wicket with a completely new navigation and layout. Technology:: Java 6, Debian Linux, Struts, Wicket, Jetty, Apache, mod_proxy, Glassfish, Hibernate, JDBC, MySQL, Spring, Quartz, Maven, Eclipse, Subversion, Agile Zen, Google charts, JFreeChart.

SundayAfternoon, The Hague, January - October 2010: Partner in startup GoAbout. Designing and implementing the core architecture and infrastructure for a new mobility service. Building a web frontend and REST services for dynamic route planning from an MS Outlook add-in. Technology: Java 6, Debian Linux, Apache, mod_proxy, mod_ssl, Glassfish, Wicket, Jetty, Hibernate, MySQL, REST, JAX-RS (Jersey), Spring Security 3, Google Maps API, XSLT, XStream, Eclipse, Subversion, Maven, Unfuddle.

Roode Bioscoop, Amsterdam, April - June 2010: Independent assignment. Building an iDeal basic implementation in PHP for online ticket sales. Technology: PHP, Linux, MySQL, ING iDeal API.

ING, Amsterdam, November 2009 - March 2010: Developer in the CCRM-GRID team. GRID maintains details of over eight million organisations and persons. Reducing memory usage with lazy loading. Adding Spring dependency injection to make the code cleaner and more testable. Extending test coverage and setting up continuous integration. Technology: Java 5, IBM Websphere, Eclipse/RAD 7.5, Subversion, Sybase ASE & IQ, iBatis, Struts 1.2, Hudson.

Bank Mendes Gans, Amsterdam, December 2008 - September 2009: Developer in a project team of 15 people at Chess IT. Building an application for foreign exchange risk and cash position management. Developing a workflow engine for collaborative transaction maintenance and -approval. Creating an AspectJ authorization layer on the backend services. Technology: Java 5, Sybase ASE 15, Spring, iBatis, AspectJ, Tapestry 5, Jasper Reports, SOAP, Axis2, Eclipse, CVS, Maven, Luntbuild, Sonar, EclEmma, Confluence, JIRA.

ING/Nationale Nederlanden, Den Haag, May - August 2008: Developer in a project team of 5-10 people at Tryllian Solutions. Building an innovative prototype with a self-learning agent architecture. Dynamic advice and premium calculations for car insurances. Simulation of market trends and analysis of GPS traces to determine driving behavior. Technologies: Java 6, Mule 2, Oracle 10g, Hibernate, XStream, SOAP, Axis2, SoapUI, Drools (rule engine), Joone (neural network), Eclipse, Subversion, Maven, Bugzilla.

SeeTickets, Schiphol-Rijk, January - November 2008: Independent assignment at client location. Building Freeline, a connection between the Softix ticketing system and Free Record Shop cash registers for real time ticket sales. Adding a connection with Heineken's Virtual Affairs website. Technology: Java 5, Debian Linux, Cete PDF merger, Wicket, Google Guice, JDBC, MS-SQL Server 2000, SOAP, Axis2, SoapUI, SSH, XSLT, Eclipse, CVS, Maven, Nexus, Bugzilla.

Ebay/Marktplaats, Amsterdam, June 2007 - March 2008: Developer in the Marktplaats development team. Building new features on the website like a co-branded Google search and in-memory caching. Building a Java service to stream production data to backend applications. Technology: PHP 4 & 5, Linux, Google AdSense,

Memcached, Java 5, JDBC, MySQL, TIBCO Rendezvous, Eclipse, Zend Studio, Subversion, Confluence, Crucible, Fisheye, Maven, Artifactory, JIRA.

Microbais, Amsterdam, March 2007 - April 2007: Developer in a project team of 4 people. Building an EPD pilot integration between the apothecary system Aposys, the national hub of NICTIZ and SBV-Z. This enables apothecaries to view a person's medication history via their BSN. Technologies: Java, Linux, Sonic MQ7 (JMS ESB), SOAP, SoapUI, SmartCards AF, Apache, mod_ssl, mod_proxy, Hibernate, MySQL, Jetty, Eclipse, CVS, Mantis.

Geotax/Urbidata/Arcadis, Geldermalsen, August 2006 - February 2007: Developer in a team of 5-8 people. Building an application for public availability of information about real estate rulings. The application allows local governments to comply with the new WKP law which becomes effective in April 2007. Technologies: Java, Oracle Spatial, FlexiMap, Toad, Tomcat, Hibernate, Tapestry 3, SOAP, SoapUI, Axis 2, JBPM, Maven 2, Eclipse, CVS, Spring, Continuum.

GGD Rotterdam, April 2006 - May 2006: Developer posted in a team of 3 to analyze performance problems of a large-scale application for maintenance of medical dossiers. Building Autolt webbots to simulate user behavior. Setting up a central PHP server to receive the webbot data and display the results. Technologies: Java, BEA Weblogic, Autolt, PHP, MySQL.

ELMO ICT Solutions, Woerden, May 2005 - April 2006: Developer/architect posted in a development department. Redesign and refactoring of a mobile time registration application for home care organisations. Building connections to several home care organisations. Technologies: Java, Linux, Struts 1.2, Tapestry 3, Tomcat, Hibernate, Castor, RMI, Sybase SQL Anywhere 9, MS-SQL Server 2000, Progress 9.1d, Bugzilla, Ant, CVS.

Achmea Risk Management, Apeldoorn, October 2002 - December 2003: Architect and team leader at Tryllian Solutions. Development of ePosit, an intelligent web search and content management system. Users can schedule search queries, annotate results and publish documents in a searchable web directory. Technologies: Servlet/JSP, Linux, JDBC, MySQL, Tomcat, Google web API, web crawling, Open Office, Lucene, JBuilder, CVS, Ant.

Teaching

Java training, October 2007 - present: Java instructor for individuals or small groups. Subjects: tools and frameworks, object-oriented design, patterns, architecture. During the course we build several small-scale Java applications. See: <http://code.google.com/p/javasteam>

Hogeschool van Amsterdam, November 2007 - January 2008: Teacher of the architecture part of the course Management Consultancy within the curriculum Business Informatics. The course consisted of 10 lectures about Service Oriented Architectures and an individual architecture assignment.

Faculty of Sciences, Vrije Universiteit Amsterdam, October 1998 - June 2000: Scientific programmer. Development of computer aided education for several courses. Technologies: HTML, JavaScript en Java.

Education & training

2012	Android development (DutchAUG)
2011	Java development & Security (Sogeti)
2010	Java and the cloud (Cap Gemini)
2008	Domain Specific Languages (Profit)
2007	Axis2 Workshop (Quintor)
2006	Spring 1.2.8 training (Xebia)
2006	EJB 3.0 workshop (Infosupport)
2005	Sun Certified Web Component Developer for the J2EE Platform
2001	Sun Certified Java Programmer for the Java 2 Platform
1997	M. Sc. in Artificial Intelligence, Vrije Universiteit, Amsterdam

Knowledge matrix

The score is calculated by adding the number of assignments and the year in which the technology was last used.

Category	Technology	Number of assignments	Last used	Score
Core	Java	13	2012	25
	Spring	9	2012	21
	Maven	8	2012	20
	Nexus	2	2012	14
	Artifactory	1	2008	9
	Google Guice	1	2008	9
	Ant	2	2006	8
Web frameworks	Wicket	3	2011	14
	Struts 1.2	3	2011	14
	PHP 4 & 5	3	2010	13
	Spring Web MVC	1	2012	13
	Spring Webflow	1	2012	13
	DWR	1	2012	13
	Tapestry	3	2009	12
Web services	SOAP	6	2012	18
	SoapUI	5	2012	17
	Axis 2	4	2009	13
	JAX-WS	1	2012	13
	JAX-RS	1	2010	11
XML	XSLT	2	2010	12
	XStream	2	2010	12
	XSLT	2	2010	12
	Castor	1	2006	7
Messaging	Mule 2	1	2008	9
	TIBCO Rendezvous	1	2008	9
	Sonic MQ7	1	2007	8
	RMI	1	2006	7
Security	javax.crypto	2	2012	13
	SSO	1	2012	13
	SSH	1	2008	9
	SmartCard AF	1	2008	9
Libraries	Quartz	2	2011	12
	JFreeChart	1	2011	12
	AspectJ	1	2009	10
	Jasper Reports	1	2009	10
	Cete PDF merger	1	2008	9
	Drools	1	2008	9
	Joone	1	2008	9
	Memcached	1	2008	9
	Autolt	1	2006	7
	Open Office	1	2003	4
	Lucene	1	2003	4
Web API's	Google Charts	1	2011	12
	Google Maps	1	2010	11
	ING iDeal	1	2010	11
	Google AdSense	1	2008	9
	Google Web	1	2003	4
ORM	Hibernate	7	2012	19
	JDBC	4	2011	15
	iBatis	2	2010	12
Databases	MySQL	7	2011	18
	Oracle	3	2012	15
	Toad	2	2012	14
	Sybase ASE	3	2010	13
	Sybase IQ	1	2010	11
	MS-SQL Server	2	2008	10
	Oracle Spatial	1	2007	8
	FlexiMap	1	2007	8
	Progress	1	2006	7
IDE	Eclipse	10	2012	22
	RAD 7.5	2	2012	14
	Zend Studio	1	2008	9
	JBuilder	1	2003	4

Appservers	Tomcat	4	2012	16
	Jetty	3	2011	14
	IBM Websphere	2	2012	14
	Apache	3	2011	14
	mod_proxy	3	2011	14
	Glassfish	2	2011	13
	mod_ssl	2	2010	12
	BEA Weblogic	1	2006	7
Version control	Subversion	6	2012	18
	CVS	6	2009	15
	Tortoise	2	2012	14
Issue management	JIRA	3	2012	15
	Agile Zen	1	2011	12
	Bugzilla	3	2008	11
	Unfuddle	1	2010	11
	Mantis	1	2007	8
Continuous Integration	Confluence	3	2012	15
	Sonar	2	2012	14
	Fisheye	2	2012	14
	Bamboo	1	2012	13
	DeployIT	1	2012	13
	Hudson	1	2010	11
	Luntnbuild	1	2009	10
	Crucible	1	2008	9
	Continuum	1	2007	8
Operating Systems	Linux (Debian)	8	2011	19