

Adriaan Koster

Senior Java developer

After studying Artificial Intelligence I have been working with Java since 2000. I started at Tryllian Solutions, a startup specialized in multi-agent technology. In 2006 I switched to freelancing and worked in many different sectors. My technical skills are quite broad within Java and its related technologies. Usually my role is developer, sometimes with extra responsibilities like architect, Scrum master or team lead.

Ahold Delhaize, Zaandam, januari - februari 2018: Backend developer in the mobile services team, responsible for all internally developed mobile apps (both Android and iOS). Bugfixing and refactoring the code base as well as extracting new services and exposing them via a proxy and OAuth2. Technologies: Spring Boot, Java 8, Kotlin, BitBucket, Git, Maven, Gradle, Feign, Hystrix, Kibana, Apache, Tomcat, Jenkins, Sonar.

De Persgroep, Amsterdam, August - December 2017: Backend developer in Team Amsterdam, a 'You Build It – You Run It' team responsible for the websites and apps of Volkskrant, Parool and Trouw. Besides maintenance on the existing products we were building a new website for Volkskrant ('VK-GO'). Technologies: Java 7 & 8, IntelliJ, Gradle, Maven, Git, Jenkins, Spring Boot, Thymeleaf, AWS, Jboss, Apache, Tomcat, MongoDB, Elastic Search, Hystrix, Akamai.

BVA, Amsterdam, June - August 2017: Backend developer in the finance team of the BVA Auctions online auction site. Refactoring existing code into new services. Setting up a new team structure. Technologies: Docker, Java 8, Git, Maven, Gradle, Kibana, Jenkins, Elastic Search.

TNO – Geological Service Netherlands, Utrecht December 2016 – June 2017: Upgrading, deploying and releasing 26 Java 5 Webstart applications belonging to DINO (Data Informatie Nederlandse Ondergrond). Upgraded Java 5 to 8, Maven 2/Ant to standard Maven 3 build. Migrated from CVS to GIT. Tomcat 5 to 7. Hudson to Jenkins.

Dutch defense ministry, JIVC/SATS, Den Helder October 2015 – present: Java developer in the tool team. Responsible for the development of a desk top tool to generate models. Technology: Java 8, Netbeans Platform 8.1, Maven, Jenkins, TFS, JAXB, JDOM, FreeMarker, JUnit, Mockito, Powermock.

Global Collect, Hoofddorp, January-September 2015: Java expert with the tasks software development, setting up a code review proces, reviewing resumes and conducting interviews with candidates. The organisation works with offshore teams and hardly had any internal developers left. My role was to improve the quality and assist in hiring new developers. Along the way I helped improve the communication between the offshore teams and the internal employees, and increased the level of unit testing. Technology: Java 6 & 7, Maven, Tomcat, Jenkins, JIRA, SVN, GIT, JUnit, Mockito, Powermock, Confluence, Upsource, SSL, IntelliJ, Eclipse.

Info.nl, Amsterdam, March – October 2014: Setting up a new backend (Fleet Sharing Platform) for Greenwheels, a car sharing provider. Initially with a large team and a CQRS architecture, later scaled down with a smaller team in which I was scrum master. Also a small pilot project with Google Glass (Mirror API). Technology: Java 7, CDI, Spring, Maven, Glassfish, Tomcat, Arquillian, Gattling, JMeter, Mockito, SoapUI, Jersey, Jackson, Spring-WS, JAX-WS, JAX-RS, JAX-B, JPA, Hibernate, Postgres, H2, Liquibase, Lombok, Jenkins, Sonar, Nexus, Google Glass, Mirror API.

Acta Marine, Den Helder, March 2014 - present: Architect for the WaterMan application. This an internally developed ERP application which is being improved and extended with applications running on the company's ships all over the world. For this a Service Oriented Architecture is being developed within the existing .Net application. As a pilot an MS Mobile app has been developed to review purchase orders. Technology: JIRA, Confluence, SoaTest, .Net (code reviews).

Go About, Den Haag, November 2013 – March 2014: Continue work on a personalized route planner to extend it with multi-mode trips and trip monitoring based on real time GTFS data. Technology: Java, Maven, GIT, GitHub, Pivotal, Marvin, HasDocs, Jacoco, Vagrant, Linux, Flyway, Jersey (REST), HAL, JAX-WS, Jackson (JSON), PostgreSQL, PostGIS, Hibernate, Elasticsearch, AngularJS, NGinx, Mandrill, Freemarker, Guava.

Quince BV, Buitenveldert, February 2013 - November 2013: Part of team of 5 working on a rails training platform and companion Android app for HTC with over 75k users worldwide. Built several new end to end

features including a phone library which allows salespeople in call centers to borrow the newest phones to try them out. Technology: Grails, Groovy, Gradle, Android, Eclipse, IntelliJ, Genymotion, Virtualbox, Traka, Balsamiq, JQuery, Java, Maven, Nexus, Quartz, Subversion, Git, YouTrack, TeamCity, MySQL, SQL Server, Hibernate, Linux, Tomcat, JAX-WS, SoapUI.

ING DU Zakelijk, Amsterdam, July 2012 - December 2012: Developer in two scrum teams extending business online banking with new SEPA rules (for example switch to IBAN) and adding an alert inbox. Technology: IBM RSA 8.0.4 (Eclipse), IBM WAS 6.1, Maven, Nexus, GIT, CVS, Spring, Java 5, SoapUI, JIRA, Confluence, Jenkins, Sonar.

CRV, Arnhem, April 2012 – ongoing: Development of two new components within a middle-sized ERP project: A webservice from which employees collect planning-, customer- and product data. And a scheduled process that reads files with delivered products and services for billing purposes. Technology: Java 5, Spring, Maven, JAX-WS, JAXB, Spring WS, Grails, SoapUI, Eclipse, SVN, Tomcat

KLM, Schiphol-Rijk, April 2011 - February 2012: Developer in 'Manage My Booking' team. Extended the KLM website with new features, both in frontend and backend. Extended an internal admin tool for managing site settings. Built a Maven plugin for automated deployments. Technology: Java 6, Spring Web MVC / Webflow, JQuery, 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. Extended a web application with live (wireless) temperature measurements, monitoring and alarm notification. Rebuilt a 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, Den Haag, January - October 2010: Architecture for new startup 'GoAbout'. Designing and implementing the core architecture and infrastructure for a new mobility service. Built 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. Built an iDeal basic implementation in PHP for online ticket sales. Technology: PHP, Linux, MySQL, ING iDeal API.

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

Chess IT, Haarlem, December 2008 - September 2009: Developer in a project team of 15 people. Built an application for foreign exchange risk and cash position management for Bank Mendes Gans. Developed a workflow engine for collaborative transaction maintenance and -approval. Created 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. Built 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. Built Freeline, a connector between the client's Softix ticketing system and Free Record Shop cash registers for real time ticket sales. Added a similar connector to 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. Built new features on the PHP website, for example a co-branded Google search and in-memory caching. Built a Java service to stream realtime 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 four. Built an Electronic Patient Dossier (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 SSN. 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 about six. Built an application to make information about real estate rulings publicly available. The application allows local governments to comply with the new 'WKPB' law which became 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.

Tryllian Solutions, Amsterdam, 2000-2006: Tryllian developed a multi-agent platform (ADK) for building distributed systems. I was Java architect in the Customer Solutions team tasked with building solutions with the ADK.

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

Teaching

Java training, October 2007 - 2011: 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.

Education

2014	Professional Scrum Master (PSM-1 certificate from Scrum.org)
2012	Android development (DutchAUG)
2011	Java development & Security (Sogeti)
2010	Java and the cloud (Cap Gemini)
2008	Domain Specific Languages (Profict)
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