**Mehmet Erdemsoy**

**Senior Consultant**

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Nationality: Dutch / Turkish

Driver License: B

company site: www.ardevco.com

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Specialized in designing, developing, migrating, scaling out, troubleshooting and tuning Enterprise Integration Systems. Also extensive knowledge in Oracle Fusion environment, Weblogic, JVM and SQL tuning.

Expert knowledge in Oracle Fusion Middleware, Oracle Service Bus, Oracle Database Java SE and Java (EE) technology.

Experienced in object-oriented analysis and design, development and implementing of large-scale, n-tier distributed web and back-end applications as well as maintenance and support of enterprise applications. Able to design scalable, high-available and multi-threaded concurrent applications.

Knowledge and experience in software development methods like Continuous Integration, Continuous Delivery, Waterfall and Agile (scrum). Also skilled in knowledge-sharing, presentation and documentation.

Please see my site for the latest version of my CV.

## Experience

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| June 2014-Current | **Integration Consultant, Contractor**  In all projects, scrum method is used.  **Alliander**  Developing integration applications using Oracle OSB, Oracle Database and Java on Weblogic en Linux environments.  Projects:  *LIP (Landelijk Internet Portal)*  Realized an Internet portal for twenty five cooperating operators of energy, water and communications infrastructure. The portal will support expected for 5 million households in the Netherlands. Project goals successfully achieved.  Used technologies: Oracle DB 11g, Oracle OSB 11g, Java EE, Weblogic 11g, SoapUI  *Landelijk Meterketen /CTS*  Successfully (re)designed and developed a new release of CTS to be able to process the growing amount of new generation electricity meters using Java (EE), Oracle database and OSB. Project goals, higher reliability, higher availability and more capacity successfully achieved.  Used technologies: Oracle DB 11g, Oracle OSB 11g, Java EE, Weblogic 11g, SoapUI  *Internal*  Organizing knowledge sessions about technical topics like XSLT, XQuery, Security, Weblogic  EnergyWorks  Implemented Restful services in Java 8 and Java EE6. Project goals successfully achieved.  Used technologies: Java 8, Java EE6, Jax-RS, OAUTH, WS02  Tulp  Implementing a migration system to migrate new smart electricity meters using Java (EE), Oracle database and OSB. Project goals successfully achieved.  DevOps  Consulting and setting up dev-ops solutions for the team using Jenkins and other tools. It is a continuous project. The planned targets are successfully achieved. |
| Sep. 2012-May. 2014 | **Integration Consultant**  In all projects, scrum method is used.  **Liberty Global**  Projects:  *Kabel Baden-Württemberg, Germany*  Design and implement integration of the order processing and provisioning systems.  Used technologies: Oracle DB 11g, Oracle Fusion 10.3, Oracle OSB 10.3, Java EE 5, Weblogic 10.3, SoapUI  *UnityMedia, Germany*  Design and implement solutions for new functionality in the integration systems of Kabel Baden-Württemberg.  Used technologies: Oracle DB 11g, Oracle Fusion 10.3, Oracle OSB 10.3, Java EE 5, Weblogic 10.3, SoapUI  *Kabel Baden-Württemberg, Germany*  Scaling out the BPEL and OSB environment from 2+2 nodes to 4+4 nodes. Changing the configuration of the domain and network according to the changed requirements.  Performance testing en performance tuning.  Used technologies: Oracle AWR reports, Oracle reporting tools, Linux tools, Jython, WLST, Project testing framework.  *One Fusion Framework, all countries*  Design and develop an integration framework to automate the integration.  Used technologies: OSB 11, Fusion 11, DB 11, Java EE 5, SoapUI, Java (EE), WLST, Shell scripts, PLSQL, Lisa.  *Recovery Service, all countries*  Design and development of a recovery framework to recover stuck orders in the middleware using a self-defined rules manager.  Used technologies: Java EE 5, DB 11g, PLSQL, Spring, SoapUI  *Bamboo Integration, all countries*  Moving the CI implementations from the Hudson environment to the Bamboo environment.  Used technologies: Bamboo, Hudson, WLST, Jython, Scripting  *Database scaling out*  (Re)Developing database tables for big data tables. Defining the partitioning and Indexing.  Used technologies: Oracle DB  **Agiv (Belgium)**  Projects:  *Agiv CRAB*  Implementing new functionality and security in 'Transactionele webservice voor het  decentraal beheer van CRAB'.  Used technologies: Java EE 5, JAAS, JCA  **InterGamma**  Projects:  *Sonic Middleware Extensions*  Implementing new functionality for the test framework of Sonic middleware.  Used technologies: Java EE 5, Spring  **Dirk**  Projects:  *Sonic Middleware Extensions*  Implementing new functionality for the test framework of Sonic middleware.  Used technologies: Java EE 5, Spring |
| 2005 - 2012 **Vattenfall (Nuon)** | **ICT Consultant**  In all projects, either scrum or waterfall method is used depending on the nature of the project variables.  Projects:  Design and develop integration solutions for the company to integrate applications residing in the company and external applications.  Design and develop adapters for SAP, Siebel, PeopleSoft and other external systems.  Design and develop an application for communicating Nuon systems to the Dutch cadastre for the information exchange.  Used technologies: OSB (10.3) (also older BEA releases), BPEL (10.3), Weblogic 10.3, Java EE (5, 4), Java (5, 4), Oracle DB (11,10,9), SoapUI  *Web applications like PPC, PCD, MatchDB, WebguiOIP*  Design and develop WEB applications  Used technologies: Java EE, Java, Oracle DB, Spring, Struts, JSP, Ajax  *Back-end applications and libraries*  Design and develop database applications  Used technologies: Oracle DB, Oracle Apex, SQL, PLSQL  *WLS Security integration*  Design and develop a security framework to connect the existing security credentials to the Weblogic environment.  Used technologies: Java, Java EE 5, JAAS  *Nuts application*  Design and develop a real time application for energy trading for the agrarian sector.  Used technologies: Java, Java EE 5, Spring  *EMobility*  Design and develop a WEB and an Android application for electric car owners to charge their cars. The application was meant to help the users to find the charging stations around them and make reservations, make payments etc.  Used Technologies: Java EE, Oracle DB, Android, JSP  *Nuon Website*  Design and develop functionality, change existing functionality of the Nuon WWW web page.  Used technologies: Java EE, Spring, JavaScript, Oracle DB |
| 2001 - 2004 **Logica** | **Consultant**  **KNMI**  Projects  *Weather Forecasting System*  Development of new functionality and bug fixes for the climate monitoring and predicting software. Used technologies: Ingress DB, C and RTAP.  **RIVM**  Projects  *Air Pollution Control System*  Development of new functionality and bug fixes for the software used for monitoring air quality/pollution stations software.  Used technologies: Ingress DB, C and RTAP.  **Rijkswaterstaat**  Projects  *Design, Implementation & Migration Traffic system MTM2*  *(Motorway Traffic Management System 2)*  Development of new functionality and bug fixes for the software used for highway monitoring and management in C and RTAP.  *MoniCa (MONItoring CAsco System)*  Responsible for development and 3e line support for the software, hardware and network.  The project involved designing and implementing a system for the statistics of the traffic of the highways in Netherlands and made use of real time and ORM database systems.  Used technologies: Shell scripts, Ingress DB, C and RTAP. |
| 1998 - 2000 **Valar Automatisering** | **Consultant**  Projects:  Design and development of company owned CRM-application named 'Commerce'.  Design and development additional functionality for the customers upon the 'Commerce'.  Used technologies: Basic, C, Scripting, FoxPro database. |
| 1996-1998 **employment agencies** | I have involved on several short term projects at different companies like programming some simple applications in Basic, writing scripts, helping network engineers and so on. |

## Expertise's

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| **Technology** | **Expertise's** |
| Oracle Service Bus (9, 10, 11g, 12c)  BEA Service Bus (from 2.6) | scaling out, tuning, architecting the software, developing, administering, architecting the topology, installing |
| Oracle Business Activity Monitoring(10, 11g, 12c) | build monitoring software |
| Oracle Database(6,.., 10, 11g, 12c) | SQL, PLSQL, SQL Tuning, Designing schema's, Designing partitioning strategy |
| Oracle Coherence | configuring, developing coherence layer, troubleshooting, scaling out, tuning, architecting the topology, installing |
| Oracle Web Services Manager | configuring |
| Weblogic (10, 11g, 12c) | scaling out, tuning, architecting the software, developing for Weblogic environment, administering, architecting the topology, installing |
| Java EE (5, 6,7) | (lead) developing, architecting software design and deployment, security, administering |
| Java SE (4,5,6,7,8) | (lead) developing, architecting software design and deployment, security, administering |
| Continuous Delivery / Continuous Integration  (Hudson, Bamboo, Jenkins, Maven, SVN, Jira, Gradle, GIT)  (Vagrant, Puppet, Docker) | Installing, configuring, setting up the environment, configuring the build tools to work together  Using tools for DevOps |
| XML technologies  (XPath, XQuery, XSLT, XLink) | developing |
| Scripting  (Jython, Shell scripting) | Scripting the environment and Weblogic |
| Testing  (SoapUI, JUnit) | testing |
| MongoDB | installing, developing |
| Hadoop, HDFS | Basic knowledge |

## Diplomas and certificates

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| **Diplomas** |  |
| Rotterdam University of Applied Sciences | 2009-2012 |
| EXIN (AMBI) | 2000-2002 |
| Technical Lyceum (Physics) | 1985-1988 |
| **Certificates** |  |
| M101J MongoDB for Java Developers | 2015 |
| Oracle IT Architecture Release 3 Certified Architecture Specialist | 2013 |
| Pattern-Oriented Software Architectures for Concurrent and Networked Mobile Devices and Clouds | 2013 |
| Oracle Service Oriented Architecture Infrastructure Implementation Certified Expert | 2013 |
| Sun Certified Business Component Developer  Oracle SOA Suite | 2012 |
| Sun Certified Developer Java Web Services | 2011 |
| BEA WebLogic Server 9/10: Advanced System Administration | 2011 |
| BEA WebLogic Server 9/10: System Administration | 2010 |
| Prince2 Foundation | 2009 |
| Sun Certified Web Component Developer | 2009 |
| Sun Certified Java Programmer | 2009 |
| Oracle Program with PL/SQL | 2008 |
| Oracle Introduction to Oracle 9i: SQL | 2008 |
| Oracle PL/SQL Developer Certified Associate | 2008 |
| Application Service Library Foundations | 2006 |
| LOI Basisbegrippen NIAM, modellen, schema's en projectmatig werken | 2002 |
| LOI Informatiekunde, informatievoorziening en informatiesystemen | 2001 |
| LOI Hardware, Software, Netwerken en SQL | 2000 |

## Languages

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| Dutch | Good |
| English | Good |
| Turkish | Good |

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