



marc van kessel

software developer

contact

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languages

dutch
english
german

programming

Java
Infor ERP LN
Baan 4GL
EGL (IBM)
Microsoft.NET
SQL

summary

Extensive ERP implementation and software development experience. Detailed knowledge of financial and logistical processes. Worked on projects in roles ranging from developer and analyst to functional consultant and team leader. Experience in software product development from conception to implementation. Strong focus on Model Driven Development and Software Quality.

education

2008	EGL Training Building BI Loaders with EGL	Informa Nederland BV
2007	Sun Certified Java SE5 Programmer Java 2 platform, standard edition	Sun Microsystems Inc.
1996	Business Oriented Computing Science M.Sc. Cum Laude	University of Nijmegen

technologies

Java (Standard and Enterprise), Infor ERP LN (Baan Tools), EGL (IBM), Tomcat and Glassfish (Application Servers), Structure101 (Static Analysis), Eclipse (IDE), xText (Domain Specific Language Tool), AntLR (Parser Generator), Jasper Reports (Reporting), JBPM (Workflow Engine), Hibernate (ORM Tool), Vaadin (Web Toolkit GWT), Lucene and SOLR (Text Search Engines), JUnit (Unit Testing), web-technologies.

applications

since 2011	Project Management Application Design and development of a Project Management Application including templating, budgeting, scheduling, staffing, hour accounting (via web interface), reporting and interfacing to Excel and MS Exchange (50+ entities, 100+ value types).	Java (NL)
since 2007	ERP System for Heavy Equipment Trade Design, development and implementation of an ERP system including purchase, transport, work order, sales, inventory control, cost control, invoicing, invoice matching, payments, hour accounting, website export, financial integration and integrated work flow (225+ entities, 330+ value types).	Java (NL)
since 2006	REAL Tools for Java Development of REAL Tools. REAL Tools increase the abstraction level of Java code by introducing entities and value types for all business concepts (for example 'Amount', 'ItemCode' and 'PostingDate' instead of 'BigDecimal', 'String' and 'Date'). It provides a module system and a range of additional functionality for accessing data and creating user interfaces.	Java (NL)

long term clients

- 1999-2011 **Software development in coating industry** Baan Dimensions (NL, GB)
Baan ERP module development in the aluminum coating industry: shipping, product quality assurance, production-line irregularities, complaint handling, work-flow, graphical production planning, manufacturing of caravan-plating (including hour-accounting, inventory management and valuation control), rules engine for product classification, tracking cost-of-sale over multiple networked production orders, sales forecasting, internal transport, call-off handling, automated purchase receipts, SCADA interfacing, etc. .
- 1999-2008 **Software implementation and development in foil industry** Baan Dimensions (LU)
Technical Management of a Baan IV Multi Dimensions implementation project with six developers. Long term support, including module development for consignment stock handling, shop floor interfacing and sales reporting.
- 1991-2002 **Software implementation and development in transport industry** Baan ERP (NL)
ERP Software selection. Baan Transportation implementation and support. Development of a bounded warehouse module, validated by dutch customs. Long term customer support.

projects

- 2008 **Business Information System** EGL (NL)
Development of a Business Information system for extracting and enriching company data from multiple data sources. Using EGL the data is collected and moved from Staging via a Corporate Data Warehouse to a Dimensional Data Warehouse (fact-tables). The system is developed as a framework that can automatically process stereotyped tables using EGL-code generation. Configuration is done via an EGL web interface.
- 2007 **Secure mobile patient information system** Java (NL)
Development of a highly secure mobile desktop patient information application, containing an embedded and encrypted database.
- Fast entry hour-accounting** Java (NL)
Development of a Java hour-accounting add-on in the health care industry.
- 2004 **Training** Baan ERP (LU)
End-user training Materials Handling in an engineer-to-order environment.
- 2003 **Refactoring** Baan ERP (DE)
Software refactoring and support work for a large dutch Baan partner.
- 2002 **Telecom reporting** BaanV ERP (NL)
Technical support for operational and financial reporting in the Telecom industry.
- 2001 **Web development** Microsoft.Net (NL)
Internet application design and development for financial consultancy company.
- 2000 **Team leader** Baan ERP (NL, GB, FI)
Implementation team leader and functional consultant for the Dutch roll out of a European project.
- 1995-1999 **ERP Consultant** Baan ERP (NL, G, I, CH, GB, A, P, S)
Baan ERP implementation, software development, interfacing, software quality audits, technical support, training, etc. .
- 1995 **Researcher** University of Eindhoven (NL)
Software Quality Research.