

Curriculum Vitae

Name	: Praet	
First name	: Wim	
Date of birth	: 18/11/1977	
Place of birth	: Asse	
Address	: Nieuwenbos 100	
	: 1702 Groot-Bijgaarden	
Phone	: 02 / 305 94 19	
Mobile	: 0496 / 03 28 73	
Gender	: Male	
Civil state	: Living together, 2 kids	
Nationality	: Belgian	
Mother tongue	: Dutch	
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I am experienced in designing the technical architecture and providing the implementation of JEE applications, be it standalone, as client-server code or as a web-application. I know my way around in the world of Java and XML. I have been working as a JEE programmer on a freelance basis for most of my professional career up till now, for several big and smaller Belgian and international companies.

Specialties: Java J2EE/JEE programming, Servlets and JSP, Taglibs, Struts MVC, Spring MVC, Spring IOC, Hibernate, EJB2 & 3, JMS, JDBC, JNDI, JavaMail, JAX* API's, Web Services (WSDL, UDDI), REST, JavaScript, JQuery, DOM, XML, XSL, XSLT, UML, custom Java programming, AWT, Swing, Ant, Maven, Eclipse, Websphere, JBoss, Tomcat, Glassfish, Oracle, DB2, MySQL, Google AppEngine for Java, Cloudfoundry, OpenShift, Play2

Languages :

Dutch : mother tongue
English : good
French : good
German : poor

Education :

- High School : 1989 - 1995 : Latin-Mathematics (8 hours mathematics), Sint-Pieterscollege, Jette
- University : 1995 - 1999 : Master in Computer Science
Katholic University of Leuven (graduated with honour)
- Erasmus-Socratus international study program: 08/1998 - 01/1999
at the Technical University of Delft (TUD, The Netherlands)

Final Paper : A Framework for Electronic Commerce

A layered model for electronic commerce was designed using the Unified Modelling Language (UML) and partly implemented using the Java programming language. Issues like cryptography, archiving, access control, certificate mechanisms, UI's, payment methods and payment services have been investigated, and were fit in the generic model to create an open and extensible architecture.

General IT knowledge :

- Languages: Java, J2SDK and J2EE (JDK 1.1 through 8)
- Languages/Scripting: JavaScript (Dojo, Prototype, JQuery, Scriptaculous, ...), XML, XSL, Xpath (XSLT), HTML, DHTML
- Web- & Applicationservers: Jakarta Tomcat, Jetty, Apache webserver, JBoss 2.4.x (EJB 1.1), JBoss 3.x (EJB2.0) through JBoss AS 8 / Wildfly, BEA WebLogic Server 11 & 12, Websphere 4.x through 7.x, SilverStream (Novell Extend), Sun Glassfish v2.x and v3.x
- Modelling tools: Rational Rose, Together J, ArgoUML, Poseidon, Rational XDE
- Development tools: Eclipse, IntelliJ IDEA, Rational Application Developer, Borland JBuilder, SilverStream eXtend Workbench, Altova XML Spy, ...
- Repositories: CVS, SVN, Git, Mercurial, Perforce, Rational ClearCase, MS Visual SourceSafe
- SQL knowledge: Oracle 8i and up, Oracle TimesTen, DB2 UDB, DB2/390, MS SQL Server, Sybase, MySQL, PostgreSQL, HSQLDB, Google BigTable, ...
- OS: MS Dos, Windows 95, 98, NT, 2000, XP, Vista, 7, 8; Linux (Mandrake/Redhat), Unix (Solaris), CygWin
- Mailserver: QMail / Courier IMAP / PostFix / VPop on Linux
- Notions of PHP, ASP, VBScript, MM Flash, MM Dreamweaver, Adobe PhotoShop
- University knowledge (both theoretical and practical, hands on) of C, C++, Pascal, Prolog

Experience (in achronological order):

- J-Hive BVBA (Owner, Independent J2EE Consultant) www.j-hive.com 01/2006 - now
- Ilias Solutions - Software for Defence MRO and logistics* ([Ilias-Solutions](#)) 02/2014 - now
- Design and development of a 'portal' application, providing an integrated approach to the Ilias2G (Oracle Forms) & Ilias3G (java/flex) applications. Technologies used: JQuery, AngularJS, Twitter Bootstrap, Springframework 4, JPA2, Hibernate, Log4j, Maven3, Tomcat, JBoss, Weblogic, Oracle, Mysql. Platforms used: Windows 2008 Server.
- UnifiedPost* ([UnifiedPost](#)) 01/2012 - 02/2014
- Design and development of **MyUnifiedPost** platform, which is a web frontend to the UnifiedPost application stack. UnifiedPost is specialised in the optimization of invoice flows and other administrative documents. Via its communication platform the company offers solutions in order to receive, process, send and archive different document types, both electronic as physical. Technologies used: JEE, EJB3, CDI, Seam, JSF, Ajax, Hibernate, Mysql, JBoss, HornetQ, Maven, REST, ...
- Design and development of an online payment hub called "PowertoPay". Developed both as a product and tailor made to customer requirements. Handles transformations of payment formats (domestic formats to/from SEPA formats), mandate management, bank connectivity, approval flows,... Technologies used: EJB3, CDI, Ajax, Hibernate, Mysql, Jboss, Maven, Play2 framework, KnockoutJS, Twitter bootstrap, HTML5, ... Platforms used: Windows, Linux (CentOS)
- Ilias Solutions - Software for Defence MRO and logistics* ([Ilias-Solutions](#)) 04/2009 - 01/2012
- Design and development of **ILIAS I3G**, which is an integrated logistics information system that supports air, land, sea and medical components. It is designed as a RIA, using a Flex front-end and Java backend. Technologies used: FLEX, JEE6, JBPM3, Spring, AOP, Hibernate, Log4j, Maven2, Tomcat, JBoss, Oracle, Mysql, REST services, Mule ESB. Platforms used: Windows.

- Vlaamse Overheid - Vlaams Fiscaal Platform (via [Ilias-Solutions](#))* 09/2010 - 10/2011
 - Online webapplication to consult mandates, objections, property taxes, car taxes, ... Technologies used: JQuery, Spring MVC, JEE 1.5, Spring IOC, Hibernate, Log4j, Maven2, Tomcat, Glassfish, Oracle, Mysql, Hsql. Platforms used: Windows.
- 3M Europe - Supply Chain Planning/Demand Planning ([3M](#))* 11/2004 - 03/2009
 - Support & development for a European supply chain planning project called "Escher". Technologies used: J2EE 1.3, Struts MVC, Log4j, JUnit, Ant, JDBC, Tomcat, **WebSphere v5**, **Oracle v8i**. Platforms used: Windows, Unix, HPUX.
 - Design & development of a global supply chain project called "Global InterCompany Hub" (iHub). Technologies used: J2EE 1.4, JDK5.0, Java RMI, JMS, Log4j, Junit, Ant, **Hibernate**, **Spring AOP & MVC**, **JavaWebStart**, Tomcat, **WebSphere v6.0**, **DB2 UDB & DB2/390**, DataCom, PL/I. Platforms used: Windows, z/OS 390.
 - Design & development of a European supply chain planning project called "COFI" (Customer Orders replenishment system, extension of "Escher", cfr. supra). Technologies used: J2EE 1.4, JDK5.0, Spring MVC, Spring IOC, JMS, Log4j, Commons Logging, JUnit, Selenium, Maven2, JDBC, Tomcat, **WebSphere v6.1**, **Oracle 10g**. Platforms used: Windows, HPUX.
- PM-Services (J2EE Consultant) www.pm-services.be 03/2003 - 12/2005
- Agfa Gevaert - Agfa Delano (www.afgafadelano.net)* 02/2003 - 03/2004
 Agfa Delano is an web-enabled automated project management system for printing offices. It streamlines and automates the planning, staffing, and scheduling of print and publishing projects. The system is implemented as a 3-tier application: a database backend running on **Oracle**, **Sybase** or **PostgreSQL**, an **EJB** layer running on **JBoss** or **BEA Weblogic**, and a front-end webapplication implemented using the **Struts MVC** framework and lots of proprietary coded **taglibs**, running on a **Tomcat** or **Jetty** servlet-engine coupled with **Apache**. Furthermore several subsystems are implemented using **JNI** and communicate with the rest of the application using **JMS**.
- Unisys / FOD Justitie - Project Phenix ([Unisys](#), [Juridat](#))* 04/2004 - 11/2004
 This is an ambitious project under the Phenix codename, with the objective of modernizing the information technology used in the courts, tribunals and Crown Prosecution Offices throughout Belgium. Automation should lead to a more effective (combating the backlog of cases) and more humane judicial system. The used technologies are **MySQL** or **Oracle** as backend, a **JBoss EJB** server using Mbeans for management (JMX), Session Beans as business facade and Entity Beans for persistence, and a **Swing** application at the client side, downloadable through JWS (**JavaWebStart**).
- Xeven (J2EE Consultant) www.xeven.com 03/2001 - 02/2003
- StreamCase (www.streamcase.com)*
 The product migration/upgrade for this client required **JavaScript** and clientside **XML-XSL** programming with the MS XML3.0 functionalities in IE5.x and **EcmaScript DOM** possibilities, to uncouple the encoding and

indexing part from the original product.

Barco MIS (www.barcomis.com)

Research project involving **Java** pure network programming, **XML-RPC**, **XML**, **XSL**, java GUI development with **Swing**, with restricted amount of hardware resources (specific on-chip embedded JVM, with TINI java processor board (<http://www.ibutton.com/TINI/index.html>)).

Eccent NV (www.eccent.be)

Extension of existing application, involving **XML** API's with **DOM** and **SAX**, **XPath** (with Jaxen API), **SOAP (JAXM)**, **servlets**, **JSPs** with **TAGLibs**, **JavaBeans**, **JDBC**. Rewriting and migration of database part from VBSF to JDBC. Conversion to **EJB** readiness. The used databases are Oracle8i (8.1.6) and PostGreSQL (7.1.x), the webserver Apache 1.3.x, servlet engine Tomcat 3.x.

Extranet Project: www.e-school.be

Ongoing project inhouse at Xeven. The goal of this project is to provide several schools a possibility of an extranet to share documents, forum, calendar, etc. The site is based on a **Linux** Mandrake OS, with **Apache1.3.x/Tomcat4.x** as webserver and **JBoss3.0.0** as **EJB 2.0** server, **QMail/Courier** IMAP as mail-engine. The used technologies are **J2EE** compliant: **JSP** with **taglibs** and **servlets** in the **Struts framework (MVC2)**, **XML** and **XSLT**, **EJB**, **JDBC**, **JNDI**, **DHTML** and **Javascript**. The used databases are **PostGreSQL** and **MS SQL Server 2000**.

Acunia (www.acunia.com)

Telematics project, implemented on Acunia's Open Telematics Framework™ (OTF). The project incorporated on the one hand designing and writing of **embedded Java** for the in-car agents/services, based on an *Intel XScale* hardware platform and PDA's, on the other hand **Java network programming**, **JMS**, **EJB**, **OSGi services** and **scalability design** for backoffice application centers, using **OpenJMS** and **BEA Weblogic Server**.

Verzekeringen NV (www.verzekeringen.be, www.assurax.be)

Adding prepolicy / proposal functionality to existing platform, as well as XML communication with several insurance companies and brokers, and automated PDF generation using **XSL-FO**. Used technologies for this project are **Java** and **XML (SAX,XPath, XSL-FO)**, **servlets**, **JSPs** with **TAGLibs**, **JDBC**. The used databases are Oracle8i (8.1.6) and PostGreSQL (7.x), the webserver Apache 1.3.x, servlet engine Tomcat 4.1.x.

The E-Corporation (Software Engineer) www.the-ecorp.com

08/1999 - 02/2001

ProxiManage

Online billing system for gsm pools. Application based on a **Silverstream 2.5.2** environment

ECVM

Bulletin board system (on the web) for the European Council of Vinyl Manufacturers, based on a **SilverStream 2.5.4** environment

I See

Product development for the “I See” product, which handles real time stockquotes for use with webpages, portfolio’s, applets, My job concerned rewriting the filter-system for the quotes which enter the system in real-time from major stock exchanges world-wide. I See is a **pure Java** application.

De Telegraaf, De Tijd

Websites based on the “I See” product. The modifications concerned adding new markets to the sites, as well as rewriting the portfolio management and performance enhancements. Used technologies here for were **java (multithreaded server code), jsp’s, XML and XSL**.

Alcatel webstrijd

Internet game organised by Alcatel. Website development based on an **Apache** server with **JServ** servlet engine, **Oracle8i** database, **XML and XSLT**.

Sony SDME internal preview site

Internal website used by Sony employees to check the completeness and correctness of the product database, more specific these data that are used by Sony’s e-shop on www.sonystyle-europe.com. Used technologies are **Java Servlets, XML and XSLT**.

Proximus WAP-portal

A **WAP** application which allows the user to email from a WAP-enabled mobile device. The application was developed on a **SilverStream 3.5** environment.

Areas of Interest :

I have a profound experience in java server programming (J2EE APIs, EJB, Spring IOC, Hibernate, servlet technology, JSP & taglibs, JDBC, XML, XSLT, DOM, SAX, Xpath, JAX* API’s, JMS, ...), as well in JavaScript and client (browser)side DOM. I am also a quick learner in getting along with other/new technologies.

Hobbies:

squash, (used to) football, (used to be in) youth movement, travelling, computers