

# Daniel Gradecak

## New Dimensions Solution Architect

### Personal Information

Firstname Daniel  
Surname Gradecak  
Address Liege, Belgium  
Nationality Belgian / Croatian (dual nationality).  
Date of Birth November 23th 1979

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### Languages

- Fluent : French, Croatian
- Very good knowledge : English
- Notions : German

### Introduction

I am an Enterprise system architect, integrator and problem solver in New Dimensions.

- I have become a solutions architect with a balanced mix of both technical and business skills.
- Diverse project landscapes afford me the opportunity to understand many different industries and synthesize my own style and notion of what it takes to realize an effective solution.
- The career path I had till now allows me to understand the business problem.
- I am an effective communicator and can normally create a solution that hurdles many obstacles to achieve a mutually accepted notion of success in terms of project delivery.

My preferences are turned to Java –environment (architecture, development, programming). I preferably work in team, using new open source technologies. Finding and using new projects/frameworks is very exciting to me.

### Interests/Hobby

- I spend my free time on finding and learning new Java technologies.
- Blog writing (<http://gradecak.blogspot.com/>)
- Working on and contributing to several open source projects such as
  - <http://sourceforge.net/projects/svarog/>
  - <http://sourceforge.net/projects/vospace/> (<http://www.vospace.org/>)
  - contributing code to other frameworks and projects
- I like running and playing team sports, mainly football.
- And also reading books and papers about informatics

### Education

**1998 – 2004 :** Graduated Analyst/Programmer at High School Rennequin Sualem-HERS (Liege- **Belgium**) (<http://ecolevirtuelle.prov-liege.be>)

- Graduated with a high distinction and provincial honors
- My school branch was “system analyst in industrial data processing” with a specialisation in real-time and embedded development
- My end of study work was done in Switzerland, where I have developed a foreign exchange banking software

**1992 – 1998 :** Secondary school College Saint Martin (Seraing – **Belgium**), option economy / accounting and German language

## Work Experience

**Period :** November 2007 – present

**Solution architect and system integrator**

**Customer :** NXP semiconductors

**Site :** Eindhoven - the Netherlands (<http://www.nxp.com/>)

**Job description :** Design, implement and integrate Alfresco Solution (open source content-management system) for NXP. Finding solutions for document management, and business process management. Advise other development teams on new dimensions, software solutions.

### **Projects :**

- Solution architect and Developer Lead of the One Document Management System (OMS); migration of OMS business processes to Alfresco and jBPM  
**Role :** analyzing, defining and implementing the architecture and business processes of the OMS application within Alfresco  
**Technologies :** Enterprise Java, Java server faces, Spring, AOP, Hibernate / Java persistence API, Alfresco, Alfresco webscripts, JBPM workflows, MySQL
  - Member of the Foundation-team; the team that defines the organisational setup of the NXP IT-landscape of the future  
**Role :** approving and mapping the organizational setup to Alfresco possibilities, Advising other teams on software integrations; integrating Liferay portal with Backbase and Alfresco  
**Technologies :** Enterprise Java, Alfresco, Alfresco webscripts, JBPM workflows, MySQL
  - Member of the C3 team; the team that defines the architectural setup of the NXP organisation  
**Role :** working with other NXP teams in defining the concept of the new architecture that will be used by NXP in the future
  - Solution architect / analyst in the TDM team; an application that is migrated to Alfresco  
**Role :** analyzing, defining and implementing the architecture of the TDM application within Alfresco  
**Technologies :** Enterprise Java, Java server faces, Spring, AOP, Hibernate / Java persistence API, Alfresco, Alfresco webscripts, JBPM workflows, Flex, MySQL.
  - Solution architect / analyst in the ODMS team; an application that is migrated to Alfresco  
**Role :** analyzing, defining and implementing the architecture of the TDM application within Alfresco  
**Technologies :** Enterprise Java, Java server faces, Spring, AOP, Hibernate / Java persistence API, Alfresco, Alfresco webscripts, JBPM workflows, Flex, MySQL.
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**Period :** November 2006 – November 2007  
**Solution architect / System integrator**

**Customer :** **Protenus d.o.o**  
**Site :** Zagreb – Croatia (<http://www.protenus.com/>)

**Job description :** Co-owner. Design, architecture, integration and development of open source applications. Knowledge transmission to other members in different teams.

**Projects :**

- Development of Svarog, an open source web based call centre software  
**Role :** Solution architect and system integrator of the final software solution  
**Technologies :** Enterprise Java, Java server faces (JSF), Java Messaging Service (JMS), Apache James Email server, Ajax, Direct Web Remoting (DWR), Dojo, Mule Enterprise Service Bus (ESB), Portlets, Liferay, Aspect Oriented Programming (AOP), Spring Web Flow (SWF), MySQL, PostgreSQL, JDBC
- Integration of the open source instant messaging system OpenFire and Svarog  
**Role :** Solution architect and system integrator of the final software solution  
**Technologies :** Enterprise Java, Spring, MySQL
- Integration of the collaboration system Zimbra and the document management system Alfresco  
**Role :** Solution architect and system integrator of the final software solution  
**Technologies :** Enterprise Java, Spring, Zimlets, Alfresco, Webservices, MySQL
- Integration of the open source project management software Team Elements and the document management system Alfresco  
**Role :** Solution architect and system integrator of the final software solution  
**Technologies :** Enterprise Java, Alfresco, Webservices, JDBC, PostgreSQL, MySQL
- Development of an enterprise web shop with secured data transfer and synchronization  
**Role :** Solution architect and development leader  
**Technologies :** Enterprise Java, Java Messaging Service, Hibernate, XA Transactions, Spring, XML Schemas, Representational State Transfer (REST) API, MySQL

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**Period :** June 2006 – November 2006  
**Solution architect / Team Leader**

**Customer :** **Rest Art d.o.o**  
**Site :** Zagreb – Croatia (<http://www.rest-art.hr/>)

**Job description :** System architect for enterprise projects and development team leader. Knowledge transmission to other teams.

**Projects :**

- Development of an ajaxed real time web based call centre and collaboration suite. Integration of telephony, emailing and instant messaging systems.  
**Role :** Analyst and solution architect, Team leader  
**Technologies :** Enterprise Java, Asterisk PBX, Portlets, Liferay, Ajax (DWR), Spring, Aspect Oriented Programming (AOP), MySQL
- Integration of the call centre with Alfresco CMS  
**Role :** Analyst and solution architect, Team leader  
**Technologies :** Enterprise Java, Alfresco, Spring, Aspect Oriented Programming (AOP), PostgreSQL, Hypersonic DB, MySQL

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**Period :** April 2005 – June 2006  
**Analyst developer / Team leader**

**Customer :** **Amphinicy Technologies for SES ASTRA**  
**Site :** Betzdorf - Luxembourg ([www.ses-astra.com](http://www.ses-astra.com)), Zagreb – Croatia (<http://www.amphinicy.hr/>)

**Job description :** Consultant for SES ASTRA projects. Java enterprise system architect. Design and implement of applications for SES ASTRA needs. Team leader and sharing knowledge to other members of the team.

**Projects :**

- Maintenance of In Orbit Test System 2000 (IOTS 2000)  
**Role :** Java/C++ developer  
**Technologies :** Java, Corba, C++, Oracle, PostgreSQL, JDBC
- Migration of Station Simulator project to new technologies – simulation of satellite lifecycle  
**Role :** Architecture and implementation of the new Station Simulator system  
**Technologies :** ServiceMix Enterprise service BUS (ESB), Java Business Integration (JBI), Rules engine (Drools), Workflow engine (JBPM), XML Schemas, PostgreSQL, Oracle
- Station Simulator 2 GUI – monitoring of simulated satellite lifecycle  
**Role :** Analyse, architecture and development leader  
**Technologies :** Java, Swing, XML
- SNMP integration for the Telemetry Monitoring application (TLM Core)  
**Role :** Analyse, architecture and development leader of the solution  
**Technologies :** Enterprise Java, Java Messaging service (JMS), Log4j
- Migration of Web tools project to new technologies  
**Role :** Analyse, design and implementation of the new Web tools project. Team and development leader  
**Technologies :** Enterprise Java, Java server faces, Hibernate, Spring, Oracle, PostgreSQL

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**Period :** July 2004 – April 2005  
**Java Developer**

**Customer :** **Rest-Art d.o.o**  
**Site :** Zagreb – Croatia (<http://www.rest-art.hr/>)

**Job description :** Analyst, Java developer

**Projects :**

- Development of a statistical module for the inhouse ERP system  
**Role :** Analyse and development of the solution  
**Technologies :** Java, Swing, Jasper Reports, JDBC, Firebird, PostgreSQL, MySQL
- Development of an in house JDBC driver for a database logging and replication system  
**Role :** Analyse, architecture and development  
**Technologies :** Enterprise Java, JDBC, JMS, JBoss, XA Transactions, MySql, Firebird, PostgreSQL

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**Period :** February 2004 – June 2004

**Java Developer**

**Customer :** **Swissforex A.G**

**Site :** Zurich - Switzerland ([www.swissforex.com](http://www.swissforex.com))

**Job description :** Java developer

**Projects :**

- Developing a distributed web based foreign exchange financial platform.  
**Role :** Java developer  
**Technologies :** JSP, Servlets, JMS, JDBC, XA Transactions, Oracle, MySQL, XML Schemas
  - Development of a real time rates presentation application for cell phones  
**Role :** Java developer  
**Technologies :** Mobile Java, J2ME
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