



## Senior Java Developer

13 years of professional software development,  
4 years in financial and banking sector  
4 years in voice-driven warehouse logistics with wireless technology.

Senior Software Developer, Application Architect, Business Analyst, Department Manager, In-house Guru, Mentor, Software Development Consultant, Business Owner.

A Strategist. A "no" guy. A "why"-focused person. A person with opinion. A team worker. Agile. Goal-oriented and Goal-driven. A problem solver. Reengineering fan.

## Representative Experience/Referees – on-site "Java developer for hire" type of work. For full CV see further below.

04/07-06/08 **J2EE Consultant**  
Inland Revenue Department  
Wellington, New Zealand  
Susanna McSweeney, Manager O2C2  
+64 4 890 2619

Participated in pre-Kiwisaver migration of Online Services to e-Directory - short, finite, and focused project with hard legislative deadlines. Project involved taking over the legacy EJB codebase, migrating to Spring, work with N-tier architecture, integration with e-Directory, Sun Java CAPS, mainframes, Oracle based back-end applications.

Researched JBoss clustering and prototyped migration to the clustered environment.

09/05-10/06 **Analyst/Programmer**  
Meteorologica Service of New Zealand  
Wellington, New Zealand  
Lewis Walker, Manager I.S.Development  
+64 (0) 27 570 0799

Designed and rolled-out ICEBreaker architecture and application platform in I.S.Development. Introduced J2EE, integrated diverse internal applications via Web Services, introduced a build system, continuous integration and release process.

I have been involved in 7 projects, both architectural and client ones.

01/02-05/06 **Java/J2EE Consultant**  
**Manager Professional Services**  
**Business Analyst**  
**Senior Software Developer**  
Vocognition B.V.  
Amsterdam, Netherlands  
Sathish Sastry, Development Manager  
[sathishsastry@hotmail.com](mailto:sathishsastry@hotmail.com)

Developed Warehousing Execution System – voice-driven warehouse logistics solution. Introduced J2EE, reengineered development approaches, abstracted the proprietary wearable client, fully re-designed the solution. Introduced a flexible application architecture to facilitate easy integration with 3<sup>rd</sup> party systems.

Integrated with 20+ different back-end systems, performed deployment across 11 European countries, 50+ sites, 30+ large clients.

04/01 – Present **Java/J2EE Consultant**  
EnterpriseWizard Inc.  
Redwood City, CA, USA  
Colin Earl, CEO  
+1 650 363 8270

As a member of a geographically distributed development team developed EnterpriseWizard/SaaSWizard adaptive web based information management solution (CRM).

Developed an in-browser remote desktop management solution for customer support and sales presentations, VNC based, integrated, with ability to circumvent firewalls.

Developed SOAP and REST Web Services integration module capable of handling highly dynamic nature of data model, code generation, runtime hot-deployment of web services interfaces, integrating with various client systems, complex web application.

## Education/Certifications

Sun Microsystems  
SQS Group Netherlands  
Sun Microsystems  
Sun Microsystems  
Rostov State University  
Rostov-na-Donu, Russia

Sun Microsystems' Object-Oriented Analysis and Design Using UML Course.

ISTQB Certified tester (foundation level)

Sun Certified Web Component Developer for the Java 2 Platform, Enterprise Edition 1.4

Sun Certified Programmer for the Java 2 Platform 1.4

Specialist's Degree in Applied Mathematics

Bachelor's Degree in Applied Mathematics with specialization in Modeling of Economic Processes. Major in the area of planning & scheduling.

## Software/Frameworks/Technologies

Java/J2EE (EJB, Servlets, Applets, Applications, JDBC, JMS, Web Services)

SQL (incl. tuning), Hibernate, PL/SQL

HTML, XML, XSLT, CSS, jQuery, JSON, Struts

Oracle, DB/2, MySQL, MaxDB, Informix, Hypersonic, PostgreSQL

Intellij IDEA, Apache Ant, Maven, JBoss AS, Tomcat, JUnit, Spring, CVS, Subversion

Windows, MacOS X, Linux, Unix, OS400

## Technical Skills

Area	Technology	Competency (1-10)	Years of Experience	Last year used
<b>Java</b> <b>Java2</b> <b>J2EE</b>	EJB	10	9	Present
	Servlets	10	9	Present
	Applets	8	2	2002
	Applications	8	2	2002
	JDBC	9	9	Present
	JMS	9	9	Present
	Web Services	9	5	Present
<b>Persistence</b>	SQL (incl. tuning)	7	9	Present
	Hibernate	5	2	2007
	PL/SQL	7	3	2002
<b>XML/XSLT</b>	HTML	10	9	Present
	XML	9	8	Present
	XSLT	9	8	2006
<b>Databases</b>	Oracle	8	8	Present
	DB/2	6	2	2003
	MySQL	6	7	Present
	MaxDB	6	1	2004
	Informix	6	1	2003
	Hypersonic	5	1	2004
	PostgreSQL	5	1	2004
<b>Applications</b> <b>Frameworks</b>	IntelliJ IDEA	9	7	Present
	Apache ANT	9	9	Present
	Jboss	9	9	Present
	Tomcat	7	6	Present
	SteelTrace Catalyze	10	1.5	2006
	Altova XMLSpy	8	1	2004
	Poseidon for UML	6	1	2006
	Hibernate ORM	7	3	2006
	Struts	7	6	Present
	JUnit	9	8	Present
	jQuery	6	1	Present
<b>OS</b>	Windows	8	10	Present
	MacOS X	6	7	Present
	Linux	8	6	Present
	Unix (HP, Aix)	6	2	2006
	OS400	8	2	2004

## Full Work Experience

11/2005 – present  
TechTime Initiative Group Limited,  
Wellington, New Zealand  
Owner, Director, Senior Developer/Architect

TechTime is an Independent Software Vendor and IT Services Provider based in Wellington, New Zealand (Aotearoa). My wife Irina Mosina, and I own the company and work as employees. TechTime specializes in remote outsourced development i.e. off-site work, support for products from Atlassian Pty. Ltd. and EnterpriseWizard Inc.

I perform a whole range of responsibilities ranging from EndUser support and application development to design, architectural analysis, technical sales, project management as well as acting as a team leader for a team of 5.

TechTime uses Atlassian Confluence CMS and EnterpriseWizard CRM to build "smart websites" integrating these products and adding value via custom Java/J2EE development including work with such frameworks as Hibernate, Spring, Struts, jQuery. We develop plugins and add-ons for these products and have several being used by multiple companies and individuals throughout the world.

The following are some of the local and overseas projects we've done since July 2008:

- **Azienda Agricola Pupillo, Sicily, Italy:** deployment of wireless mesh-networked environmental monitoring sensors from Crossbow, integrating with Atlassian Confluence and EnterpriseWizard and for an automated real-time measurements and collaborative approach to crop monitoring (Java, XML, Linux, shell scripts)
- **TechTime Blog Theme** for Atlassian Confluence (Confluence, Javascript, DHTML, localization, Apache Velocity)
- **BabyWebNZ, New Zealand:** smart website for information & shopping directory (Confluence, EnterpriseWizard, Javascript, DHTML, Graphic Design, custom integration, RSS)
- **Parliamentary Services of New Zealand:** all-in-one deployment on JBoss Application Server and MySQL for Atlassian Confluence, Atlassian Jira and Atlassian Crowd, integrating with Active Directory, easy deployment package with Apache Ant
- **Parliamentary Service of New Zealand:** NTLMv2 authentication for Atlassian Confluence and Atlassian Jira with IOPLEX Jespa and JCIFS (Samba)
- **BirthResources, New Zealand:** smart website for childbirth education classes run by midwives in Wellington Hospital (Confluence, EnterpriseWizard, Javascript, DHTML, Graphic Design, custom integration, RSS)
- **Holy Transfiguration Monastery in Bombala, Australia:** smart website to shield monks from people trying to contact them and distribute sermons electronically as recordings to select subscribers
- **Australasian Association of Irlen Consultants, Australia:** 2 smart websites with the backend CRM supporting clinics workflow, integration w/Google Maps API
- **Meteorological Service of New Zealand:** migration of the existing Atlassian Confluence and Atlassian Jira deployment to all-in-one environment (JBoss, MySQL), taking over support and maintenance, introducing Atlassian Crowd, integrating with Active Directory, NTLMv2 authentication
- **Wellington South Parents Centre:** smart website to manage membership, event bookings, invoicing and communications effectively, integrating w/Paypal
- **Korokoro Community Trust:** smart website to act as a notice board for the local community (Confluence, EnterpriseWizard, DHTML, CSS, jQuery, RSS, JSON)
- **Istri, France:** Planning Tool add-on for EnterpriseWizard (jQuery, DHTML, Javascript, JSON, custom integration)
- **Istri, France:** Recurrent calendar events plugin for EnterpriseWizard add-on, integrating with the Planning Tool
- **Meteorological Service of New Zealand:** fall-back Atlassian Confluence hosting in Amazon cloud (EC2), configuring and securing Ubuntu Linux environment, implementing automated backups to remote location with Dropbox.com service, setting up custom monitoring shell scripts, SSL and custom access lists setup
- **Istri, France:** fall-back EnterpriseWizard hosting solution with Amazon EC2 (Ubuntu Linux, Dropbox.com, shell scripts)
- **TechTime EasySEO Plugin** for Atlassian Confluence
- **TechTime CSS Switcher Plugin** for Atlassian Confluence
- **TechTime Google Maps Embed Plugin** for Atlassian Confluence
- **EnterpriseWizard Inc., USA:** Roll-out of Atlassian Confluence wiki, integrating with EnterpriseWizard CRM

**04/2007 – 06/2008**  
**Inland Revenue Department**  
**Wellington, New Zealand**  
**Java/J2EE Consultant**

I was involved in migration of Online Services provided by IRD to new architecture in the course of Kiwisaver project. This involved integration with JCAPs and proprietary systems, using Web Services, LDAP, and Oracle.

Had worked on-site and off-site. Played a role of business analyst for a system to simplify migrations and deployment of products inside IRD.

Researched JBoss clustering solutions and implemented migration of the current products to clustered environment.

**09/2005 – 10/2006**  
**Meteorological Service of New Zealand**  
**Wellington,**  
**New Zealand**  
**Analyst/Programmer**

I joined Information Services department as a developer and found myself in a role of Web Services "guru".

I have been involved in 7 projects, both architectural and client ones. For most of them my part was effectively data-processing middleware between Oracle based backend and other applications ranging from UI application written in Delphi, cloud of Python-based services, Java web-applications and PHP-based front-end web-sites.

I performed architectural analysis, conducted prototyping of several technologies. Used SOAP for rapid integration, had to come up with solutions for data presentation formats mismatch, performance.

In the process I had to mentor 4 members of the team and acquire necessary knowledge from several others.

I was also involved in major infrastructure overhaul targeting build process, continuous integration process, release policies, effective issue tracking.

**08/2005 – 05/2006**  
**VoCognition B.V.**  
**Amsterdam, Netherlands**  
**Senior Software Developer (off-site)**

In August of 2005 I have migrated to New Zealand, and had to return from the management position at VoCognition to the software development team.

I was employed remotely, working from home.

As developer I was again involved in Reflex/Casino project, has completed a complete overhaul of it to the new version of the core.

Besides development activity I was involved in advising current Professional Services personnel, current Software Development manager and the new Architect of the company. I also continued to provide content for the company knowledgebase.

I also have been doing Business Analysis, mainly via email and conference calls.

**07/2004 – 07/2005**  
**VoCognition B.V.**  
**Amsterdam, Netherlands**  
**Senior Business Analyst/Manager of Professional Services Department**

I became the manager of Professional Services department as the company was rapidly growing. Managed the team of 5 peoples, all of whom I personally recruited. Team consisted of 2 Business Analysts, 2 Project Managers and a Technical Writers.

Additionally I continued to perform Business Analyst activity, visiting customers and producing requirements documents.

Performed training as through the changes in the company I have found myself being one of few sources of domain knowledge.

As a manager I effectively was in the second level management, directly reporting to the owner of the company.

My main responsibilities included resource management, project prioritization and planning, reducing the time to market, development of the strategy to facilitate company's rapid growth with limited resources.

I adopted just-in-time, lean development approach, focusing on speed of delivery without compromising the quality. I invited an external consultant to conduct a workshop with the rest of the management team.

**01/2004 – 07/2004**  
**VoCognition B.V.**  
**Amsterdam, Netherlands**  
**Business/System Analyst**

I switched to Business/System Analyst to gain experience of close communication with the customers en route to Architect role.

Projects:

01/2004-04/2004 Casino, follow-up to my development work  
04/2004-05/2004 C&A , new application to replace the old one running since 1998  
05/2004-09/2004 STEF, new client, first detailed requirement documents in the company history  
08/2004-01/2005 Interfriza, production level, message based system  
10/2004-10/2004 LSE, adding traceability functionality, migration to new architecture  
10/2004-12/2004 Wilms, migration to new architecture  
10/2004-07/2005 Carrefour Belgium, adding crossdocking functionality  
12/2004-07/2005 Casino, adding batch-picking functionality  
01/2005-03/2005 Nike, new client  
03/2005-04/2005 ACR-Energizer, new client  
04/2005-07/2005 IHD, South Africa, new client

Activities: Performed business and technical analysis of user requirements and experiences. Identified and captured functional and non-functional requirements in SRS (Software Requirements Specification), performed cost and risk analysis, other parts of architectural analysis, played project manager role in multiple parallel projects.

Tools: SteelTrace Catalyze, CVS, MS Office

**01/2002 – 01/2004**  
**VoCognition B.V.**  
**Amsterdam, Netherlands**  
**Senior Software Developer/Analyst**

Development of transaction-heavy enterprise applications - voice driven warehouse executing solutions utilizing Talkman, an industrial wearable terminal device made by Vocollect, PA, USA.

Involved both in client-side voice dialog development and server-side core and customer specific modules development. Performed business and technical analysis. Conducted visits to the customers, had actual field experience in installation, stress testing and tuning up of the application. Performed usability and performance reviews. Designed and implemented an in-house integrated build system solution based on CVS and ANT. Acted as Release Manager, defining release policies.

Overall: 10 projects, integration with various Warehouse management systems on different platforms (OS400, Windows, HP-UX, Linux). All projects are relatively successful and in heavy use by the customers.

02/2002-05/2002 Team Leader for crossdocking application in use by Carrefour France at Comptoirs Modernes Rennes, France. Completely executed by me in 5 weeks from requirement analysis to deployment phase, went live in 3 months after I was hired. Now in use at 4 other companies (Match, SystemesU Quest, Legasud, Mestdagh) by approximately 700 users.

Tools: JSDK, IntelliJ IDEA, Apache Ant, CVS, Altova XMLSpy, OS400, DB/2, SQL

06/2002-07/2002 Record & Playback project – utilizing recorded sounds for those languages where there was no TTS available in Talkman. Programmed utility to access openly available online TTS engines to record the vocabulary, instead of recording a hired speaker.

Tools: JSDK, IntelliJ IDEA, Apache Ant, CVS

07/2002-09/2002 Team member for picking, putaway and move application for Vita, Germany. Developed an internal XML-based TaskBuilder application to introduce standard client-side components, increase re-use and simplify voice dialogs development. The first iteration executed in less than a week, successfully passed all customer tests. In use by approximately 30 users. Extremely heavy transactional application – 1 requests per 6 seconds.

Tools: Apache Ant, CVS, Altova XMLSpy, MSXML, XML, XSLT, OS400, DB/2, SQL

09/2002-01/2003 Team Leader for picking application for Casino, France. Developed a custom-build connector for Dataqueue communication. Lead complete redesign of the application from zero-ground while migrating to J2EE de facto performing role of the

Architect. Introduced the concept of reusable system Core and eventually developed WES1 architecture. Application is in use in 8 different locations, by approximately 500 users.

Tools: IntelliJ IDEA, Apache Ant, CVS, Altova XMLSpy, MSXML, OS400, DB/2, J2EE, Jboss, SQL

01/2003-02/2003 Team member, responsible for the core of picking application for Wilms, Germany. Application utilizes build-in FTP server, enhanced to serve data out of the database. Re-factored the application to be able to work without radio coverage. In use by 30 users.

Tools: IntelliJ IDEA, Apache Ant, CVS, Altova XMLSpy, MSXML, Windows, Oracle, J2EE, Jboss

02/2003-03/2003 Team Leader, responsible for the core of picking application for Carrefour Belgium. Implemented to run on HP-UX with Informix, eventually migrated to Windows and MS SQL Server. Uses raw TCP/IP communication with backed WMS. In use by 75 users.

Tools: IntelliJ IDEA, Apache Ant, CVS, Altova XMLSpy, MSXML, Windows, MS SQL, J2EE, Jboss

04/2003-05/2003 Team member, responsible for core of picking application for Davigel (Nestle group), Switzerland. Runs on Windows and Oracle, uses OracleAQ to communicate to the backed. Application had extremely complicated flows due to traceability requirements.

Tools: IntelliJ IDEA, Apache Ant, CVS, Altova XMLSpy, MSXML, Windows, Oracle, OracleAQ, J2EE, Jboss

06/2003-07/2003 Team member, responsible for the core of picking application for Carrefour France. Runs on HP-UX and Oracle, uses WebSphereMQ (MQSeries) to communicate to the backed. Due to complex requirements have done extensive refactoring of the core. In heavy use on multiple sites, now including Spain, Italy, Mexico and Brazil. More than 2500 users.

Tools: IntelliJ IDEA, Apache Ant, CVS, Altova XMLSpy, MSXML, HP-UX, Oracle, WebSphereMQ, J2EE, Jboss

08/2003-09/2003 Team Leader, crossdocking application for Casino, France. Added crossdocking to the core of the application. Whole project finished in 2 weeks, went live in 08/2003. Heavily used today by approximately 500 users.

Tools: IntelliJ IDEA, Apache Ant, CVS, Altova XMLSpy, MSXML, OS400, DB/2, J2EE, Jboss

09/2003-10/2003 Team member, responsible for core of picking application pilot for Frigoscandia, Italy. Originally designed to run on Windows and Hypersonic, eventually migrated to MaxDB (SAP DB). In use by 15 users.

Tools: IntelliJ IDEA, Apache Ant, CVS, Altova XMLSpy, MSXML, Windows, Hypersonic, J2EE, Jboss

10/2003-11/2003 Team member, responsible for core of picking application pilot for Interfrisa, Spain. Originally designed to run on Windows and Hypersonic, eventually migrated to MaxDB (SAP DB). In use by 15 users.

Tools: IntelliJ IDEA, Apache Ant, CVS, Altova XMLSpy, MSXML, Windows, MaxDB, J2EE, Jboss

11/2003-01/2004 Team Leader, maintenance and optimization of application for Casino.

**09/2004 – present**  
**EnterpriseWizard, Inc.**  
**Redwood City, CA, USA.**  
**Software Developer**

Member of global (outsourced) software development team.

Developing a Web Services facade for EnterpriseWizard product. Rather interesting project from technical point of view as it adds object-based API to a completely record-based system. Web Service definition and deployment descriptor are generated on the fly to reflect the changes in the data structures.

Tools: JSDK, Apache Ant, CVS, Apache Axis, MySQL, J2EE, Jboss

**04/2001 – 02/2002**  
**SupportWizard, Inc.**  
**Redwood City, CA, USA.**  
**Software Developer**

Member of global (outsourced) software development team.

Developed an in-browser RemoteAccess component based on VNC open-source solution for SupportWizard (EnterpriseWizard) CRM product. Completed the full cycle of the development from requirement analysis, design to installation and testing. Task involved a lot of concurrent programming. Utilized signed applets, created server-side caching proxy web application, implemented a custom HTTP-tunneled RFB protocol.

Tools: JSDK, Apache Ant, CVS, HTML, Applets, Browser, MySQL, J2EE, Jboss

**04/1998 – 06/2001**  
**JSC "Rostov-Clearing"**  
**Rostov-na-Donu, Russia**  
**Software Developer/Analyst.**

A member of development team in automated banking system "Bank-97" on Oracle software product, the only province-made product in Top10 list of banking software. Software was used in over 50 regional banks across Russia.

Designed and implemented enhancements to the existing report subsystem. Introduced external reports (MS Word & plain text) and grouping options to create multi-document and multi-format reports (external, Seagate Crystal, system internal report generator)

Designed API and implemented the rule-based flow kernel for electronic documents. Introduced the concept of the document as a contract to perform document specific business operations. Provided multi-step verification, tracking, automatic report generation, executing chains of operations like changing document attributes, generating payment orders, bank account creation. Has implemented 6 specific systems on top of this API.

Fully redesigned the file import/export kernel to allow adjustable format specifications & configurable interaction scenarios integrated with document flow system where it feeds imported data & collects data for export. Implemented 9 critical import/export subsystems for regional banks.

Developed an in-house release tracking system to keep track of bug-fixes, customer requests & reports.

Tools: PVCS, C++, PL/SQL, Oracle

**1997 – 1998**  
**Commercial Bank "Doninvest"**  
**Rostov-na-Donu, Russia**  
**Network & Banking System Administrator**

Administrative tasks on the bank's LAN (Novel Netware 4.x), and automated banking software, including Bank-Client (e-bank) applications. Solved performance & security problems, developed a system to automate electronic document flow inside the branch/main office intranet. Has been involved in development process while migrating to new banking software.

Tools: Btrieve, Clipper, C++, Java Applets

**Additional information:**

I was born 04/02/1976. I am a Russian and New Zealand citizen. Married, have 2 sons.

I have worked with my wife Irina Mosina in the same companies for 13 years and continue to work together now. She is Java/J2EE Developer as well. We deliver excellent results as a team.

I have lived in Portland, OR for a year as an exchange student. Fluent English (IELTS Band Score 8.5). Native Russian. Some French, Dutch, mostly on understanding and reading level, a little Italian.

I play basketball, electric- and bass-guitar, compose music, enjoy chess. I am an Apple Macintosh addict. I am driving an electric moped and am interested in yachting. I would like to make my home energy independent.

**References:** Please feel free to contact my former managers listed on the front page for references. Do take into account time zone differences if calling overseas.