

TANIA NEMEŞ

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TECHNICAL CHALLENGES

- Effective/Fast Development Environments
- Clean component integration
- Boost Performance (time & memory)
- Build Management
- Rapid Prototyping

VERTICAL

- Knowledge Management
- Business Event Management
- Research & Development
- Medicine/Health
- Textile
- Process Simulation
- Human Resources

PROFESIONAL EXPERIENCE

June 2014 – present: Christian-Doppler Laboratory for. Client-Centric Cloud Computing Linz, Austria
PhD student

- Research on Cloud Computing at the institute within Software Competence Center Hagenberg

October 2011 – June 2014: Yonder Cluj-Napoca, Romania
Developer, Scrum Master, Team Leader

- Psygis Quarant - Solution for the management of patients (authorized or non-authorized based on emergency status) and appointments for doctors in mental institutions throughout Netherlands; functions: capture, manage and transfer File, Treatment Plan, Medication etc. of the patients
 - WPF, NET Framework 4, JSE, Anub Is – inhouse developed framework (both on server and client side)
- Interviewed as developer of the Psygis Quarant project for the Yonder CMMI level 3 certification
- March 2013 – June 2014: was assigned the role of Scrum Master for one of the three teams in the new way of working of Scrum Integrated
- December 2012 – won the prize for best leading female in a team or project
- November 2013 – became a Scrum Alliance Certified Scrum Master

- December 2013 – promoted to Team Lead level

March 2011 – June 2011: ACEP France Orleans, France

Developer

- Internship on developing applications that encapsulate concepts in medical optics and image processing. The projects address the detection and recovery of contours of objects in images and the approximation of distances and depths of the extracted objects.
 - Adobe Flash Builder 4, Adobe Flash Professional CS5.5, FlashDevelop 3.3.4 RTM, Adobe AIR, OpenCV, C++

September 2008 – July 2009 (part time), August 2009 - December 2010 (full time): raliant S.R.L.

Cluj-Napoca, Romania

Designer, Profiler, Developer

- PASSAGE - EU 7th Framework Program for Research & Development, Integrated Knowledge Management Platform; functions: identify, forecast, capture, store, index and transfer critical Know-How
 - JEE/JPA, Liferay Portal, Hibernate, Spring, JCR/Jackrabbit, JSF/ICEFaces, Apture, MySQL, Maven2
- IFTH e-services R.E.A.C.H - Expert-system for product conformity assessments to R.E.A.C.H. in Textile&Clothing Sector
 - JEE/JPA, Liferay Portal, Hibernate, Spring, JSF/ICEFaces, Jasperreports, MySQL, Maven2
- IFTH e-services MCE - EU 6th Framework Program for Research & Development, Pre-production Cost Evaluation expert-system for the Manufacturing/Textile Sector
 - JEE/JPA, Liferay Portal, Hibernate, Spring, JSF/ICEFaces, Jasperreports, PayPal integration, MySQL, Maven2
- Medina - Web Solution for the Management of the Health Risks Prevention Model imposed by the German medical law
 - JEE/EJB2, JBoss, Hibernate, Spring, JSF/MyFaces, Jasperreports, POI, MaxDB, Maven1

April 2008: ISDC

Cluj-Napoca, Romania

- Four weeks internship on Java – Web based Platform for evaluating the Knowledge for an Interview
 - JEE/JPA, Struts, Hibernate, Spring, MySQL

July 2007: Arobs

Cluj-Napoca, Romania

- Four weeks internship on C#

SIDE PROJECTS:

2008 – 2009: Imagine Cup Competition

Bucharest, Romania

Architect, Designer, Developer

- Gather Together – 2nd best project at the national phase: web based Platform that creates the context for a global partnership for development and overcoming the intractable situations created by disasters.
 - Visual Studio Team system 2008, Microsoft Sql Server 2008, LINQ to SQL, ASP .NET, MapPoint, Microsoft Windows Mobile 5.0 SDK, .Net Compact Framework 3.5

2009 – 2010: Imagine Cup Competition

Bucharest, Romania

Architect, Designer, Developer, Moderator (Prize for best Moderator)

- aSIGNment – 2nd best project at the national phase: web based Platform that works toward providing an education to every preschool child with hearing impairment around the world by a mean of monitoring and development of such children, under the attentive supervision of a qualified

educator.

- NET Framework 3.5, Visual Studio Team System 2008 / Visual Studio 2008 Professional Edition with SP 1, Internet Explorer 8, SQL Server 2008, Expression Studio 3, Microsoft Silverlight 3, Deep Zoom Composer, LinqToSql, WCF Web Service, Internet Information Services 7.5, Windows MultiPoint Mouse SDK, Windows Live Movie Maker, Windows 7.

2010 – 2011: Organization Media Kinder Cluj-Napoca, Romania
Architect, Designer, Developer

- aSIGNment – As a continuation of the project aSIGNment submitted in the competition Imagine Cup, we established a partnership with the non-profit organization Media Kinder and the schools for hearing impaired children from Cluj-Napoca, in creating a Web based Platform of their national wide contest which allows and encourages the participation of hearing impaired children in such a competition.
 - NET Framework 3.5, Visual Studio Team System 2008 / Visual Studio 2008 Professional Edition with SP 1, Internet Explorer 8, SQL Server 2008, Expression Studio 3, Microsoft Silverlight 3, Deep Zoom Composer, LinqToSql, WCF Web Service, Internet Information Services 7.5, Windows 7.
- Development on this project was put on hold as the aforementioned organization found itself struggling to find funds for future editions of this competition

EDUCATION

January 2011 – June 2011: ‘Orleans’ University Orleans, France
Master; Faculty of Mathematics and Computer Science

- Major: Computer Science in French, M2 IRAD (‘Informatique Repartition et Aide a la Decision’)
- Dissertation Thesis: “Eyeglasses detection and extraction from facial images”

2009 – 2011: ‘Babeş-Bolyai’ University Cluj-Napoca, Romania
Master; Faculty of Mathematics and Computer Science

- Major: Computer Science in English, Component Based Programming
- Dissertation Thesis: “Eyeglasses detection and extraction from facial images”

2006 – 2009: ‘Babeş-Bolyai’ University Cluj-Napoca, Romania
Bachelor; Faculty of Mathematics and Computer Science

- Major: Computer Science in English

SKILLS

- Operating systems: Windows, Unix/Linux (Fedora, SUSE)
- Modeling: UML, design patterns, entity-relation
- Development Process: SCRUM, XP, Unified Process
- Project Management: Atlassian stack (JIRA, Confluence, GreenHopper, Bamboo, FishEye, Crucible, Sonar, Jenkins), XPlanner
- Build Management: Maven
- Versioning systems: SVN
- IDE: Eclipse, Netbeans, Visual Studio
- Databases: MySQL, MS SQL
- Programming: JSE, JEE/JPA, Java WebServices, JDBC, SQL, Linq to SQL, JavaScript, ActionScript, C#, WPF, Assembly
- Web content: AJAX, JSF/ICEFaces, JSP, Servlets, Applets, Taglibs (+JSTL), Portlet, jQuery, CSS,

HTML

- Reporting: Jasperreports, iReport
- Components & Frameworks: Spring, Hibernate, Quartz, log4j, jBPM
- Application Servers: JBoss AS, Glassfish, Apache Geronimo
- Web Servers: Tomcat
- Portals: Liferay Portal
- Testing, Tuning & Quality Assurance: JProfiler, JMeter, JUnit, ANTS Memory Profiler, NDepend
- Other: XML, XSL/XSLT, XAML
- Office Suites: Open Office, MS Office

LANGUAGES

- English – Cambridge Certificate in Advanced English
- French – beginner
- German – beginner
- Romanian – native

INTERESTS

- Travel, Sports (8 years professional handball – junior level), Music, Books

REFERENCE

- Raliant S.R.L.
- ACEP France