Jure Polutnik (17.12.1984)

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Work experience

- **Zemanta d.o.o** (2016-)

  - **FullStack Engineer**

    o Description: Working on Zemanta One - Demand Side Platform (native advertising), creating user dashboard feature-full, fast and reliable.

    o AngularJS, Karma, Protractor, Grunt, etc.

    o Django, MemCache, PostgreSql

    o AWS - EC2, RDS, RedShift

- **Xlab d.o.o** (2009-2015)

  - **CloudScale** (http://www.cloudscale-project.eu/)

    o Description: *European research project; prediction analysis and scalability issues detection of cloud based services*

    o Project leader (integration and showcase)

    o Architecture design and development of the integration environment (Eclipse RCP, EMF, QVTo)

    o Modernization and migration of legacy project (TPC-W) into cloud environment (Amazon Web Services, OpenStack, Google App Engine)

  - **Hocoma CI/CD** (http://www.hocoma.com/en/)

    o Description: *Continuous Integration and Continuous Deployment system*

    o Expert associate

    o Team Foundation Server, Release Management, PowerShell, NuGet

- **Telemedicine / TM2**

  - Description: *Commercial project; Embedded system for remote consultation intended for Slovenian transfusion center*

  - Architecture design and development of multi-layered user interface (Linux, Java/Swing)

- **Giraff Plus** (http://www.giraffplus.eu/)

  - Description: *European research project; System for long-term monitoring, social interaction and assistance of elderly at home*

  - Project leader

  - Architecture design of cloud service; data storage and retrieval, analysis (Play Framework, MongoDB, MQTT)

- **Gaea+** (http://www.gaeaplus.eu/)

  - Description: *GIS system; Visualization and analysis of spatial data*

  - Architecture design and development of desktop application (Java/Swing, Netbeans Platform, OpenGL)

  - Preparation of installation programs (NSIS, Shell script)

  - Installation and maintenance of the system on clients premises

- **Pandora** (http://www.pandoraproject.eu/)

  - Description : *European research project; advanced training environment for crisis scenarios*

  - Project leader

  - Architecture design and development of training system for crisis managers (Java/Swing – Netbeans platform) and client-server architecture (XML-RCP, RMI)

  - Web page design

- **Europa 3000** (http://www.europa3000.ch/)

- o Description: *Commercial project; Business oriented system*

- o User interface development (.NET)

- o Development of window managers (Win32 API)

- o Development of component for display, planning and interactive resource schedulling (WPF)

- **SLA@SOI** (http://sla-at-soi.eu/)

  - o Description: *European research project; development of business-ready service-oriented infrastructure*

  - o Development of monitoring framework (XMPP)

  - o Development of command and data parsers (Flex in Yacc)

- **Mobitel d.d.** (2007-2009; student work)
  - StatViewer

    - o Description: *Internal project; System for monitoring and analysis of mobile networks*

    - o Development of desktop application for displaying and analyzing mobile network data (Java/SWT)

    - o Development of generic parsers of gathered data (Python, C/C++)

    - o Database management, store procedure development and data aggregation (PostgreSQL)

- **Hermes SoftLab d.d.** (2005-2007; student work)
  - **Houdini project**

    - o Description: *Commercial project; Development of gaming machines (embedded systems)*

    - o Participated in testing and Q&A

    - o Development of testing framework (Python)

Skills

- **Development of desktop applications** (Java, .NET)
- **Development of mobile applications** (Android)
- **Development of web applications** (Play Framework, NodeJs, AngularJS)

- **Programming languages (knowledge)**:
  - Very good: Java, C# .NET, Python, Scala, JavaScript
  - Good: C/C++, PL/pgSQL, HTML/CSS
  - Basic : OpenGL, Groovy, PHP

- **Operation systems**: basic Linux in Windows administration
- **Technologies**: Netbeans Platform, Eclipse RCP, Java EE, Hibernate, Spring framework, ExpressJS, Play Framework, etc.

- **Foreign languages**
  - English (active)
  - German (passive)
  - Croatian, Serbian (active)

Education

- High school: *I. Gimazija Celje, Kajuhova st. 2, 3000 Celje*

- University: *Faculty of Computer and Information Science of the University of Ljubljana*

Activities and achievements

- Mathematical competitions
  - Silver mathematical (Vega) award (1995, 1997) , Silver award from logic competition (1996), Silver mathematical award (1990, 2000), Gold mathematical award (2002)

- Recipient of Zois scholarship (1998-2008)

- Commendation for exemplary completed study requirements for the year (university; 1. and 2. year)

- Certificates

- o Oracle Certified Professional, Java SE 6 Programmer (ID#: SUN672349)
- o Object-Oriented Analysis and Design Using UML Ed 2 LVC (ID#: 6524791)
- o CompTIA Security+ Certified (ID#: COMP001020522862)

- o Conference presentations

  - o OpenBlend 2010 (http://www.openblend.org/en/archive/2010/home)

    - Tackling Actual Problems on the Wings of the Netbeans Platform

  - o SIOUG 2011 (http://www.sioug.si/index.php/)

    - o Development of strategic level training for crisis management with help of open-sourced technologies

  - o ICAPS 2011 (http://icaps11.icaps-conference.org/)

    - o Exhibition booth for presenting Pandora solution

    - o Award for best demo (2011 Best System Demonstration Award)

  - o eChallenges (http://www.echallenges.org/e2011/)

    - o Exhibition booth for presenting Pandora solution

  - o ISCM2012 (http://www.pandoraproject.eu/ISCM2012)

    - o Presenting Trainee Environment application within Pandora project

  - o FIA Athens 2014 (https://www.fi-athens.eu/)

    - o Exhibition booth for presenting CloudScale solution

  - o LinuxCon + CloudOpen 2014

    - o The CloudScale Environment – An Engineering Framework for Building Scalable Cloud Applications

- o Published papers

  - o Only Hope remains in the PANDORA's .jar

    http://dl.dropbox.com/u/6200896/x-web/Demonstration-ICAPS11-pandora.pdf