# Curriculum Vitae

## Personal information

| | |
|---|---|
| First name / Surname | **Victor Rentea** |
| Address | 4 Viorele Street, Bl. 22, Ap. 47, 4th District, 040426 Bucharest, Romania |
| Telephone | Mobile: +40 720 019 564 |
| E-mail | victorrentea@gmail.com |
| Nationality | Romanian |
| Date of birth | 24.11.1985 |

## Desired Position

**Technical Team Leader / Architect / Senior Developer for Java Enterprise Applications**

## Work experience

| | |
|---|---|
| Dates | 2011 – present |
| Occupation or position held | Technical Team Lead, Senior Java EE Developer & Trainer |
| Main activities and responsibilities | Lead 7 developers in a pilot, critical Java web project, using Agile SCRUM<br>Analysis, Design, Implementation and Automated Testing of Java EE backend applications<br>Teach various programming frameworks and techniques (please see the Education section below) |
| Name and address of employer | **IBM**<br>4A Vasile Milea Blvd, 6th District,<br>061344 Bucharest, Romania |
| Type of business or sector | Global Business Services |
| Dates | 2006 – 2011 |
| Occupation or position held | Java EE Application Developer |
| Main activities and responsibilities | J2EE Application Developer, Web Service Consultant, Research & Proof Of Concepts |
| Name and address of employer | **Kepler-Rominfo**<br>3 Dimitrie Pompei Blvd, 2nd District,<br>020335 Bucharest, Romania |
| Type of business or sector | Software Development and Services |
| Dates | 2003 – 2004 |
| Occupation or position held | IT Laboratory Admin |
| Main activities and responsibilities | Network admin, security, support for teachers (volunteering) |
| Name and address of employer | Gheorghe Şincai National College,<br>167 Şerban Vodă Street, 2nd District,<br>020335 Bucharest, Romania |
| Type of business or sector | Education |

## Education and training

| | |
|---|---|
| Dates | **2014** |
| Certification Awarded | Oracle Certified Master, Java EE 6 Enterprise Architect (OCMJEE6EA) |
| Taught Course | Developing EJB 3 Applications for WebSphere Application Server V7 (delivered in English as a Live Virtual Class to remote german IBM employees) |
| Taught Course | The Art of Clean Code |
| Taught Course | Test-Driven Development |
| | |
| Dates | **2009 – 2013** |
| Title of qualification awarded | PhD of Engineering (Computer Science) Thesis Title: Contributions to the design of an intelligent support system for disease prevention and health promotion |
| Principal subjects covered | Semantic Web Applications  Semantic Interoperability Software Development Methodologies  Web Services, ebXML Multi-Agent Systems  HL7 interoperability standard suite |
| Name and type of organisation providing education | Faculty of Automatic Control and Computer Science, Polytechnic University of Bucharest |
| Level in international classification | ISCED 6 |
| | |
| Dates | **2013** |
| Certification Awarded | Diploma de Español como Lengua Extranjera (DELE), nivel C1 |
| Certification Awarded | Oracle Database, SQL Certified Expert (1Z0-047) |
| Attended Course | Architectural Thinking (5 days), delivered by IBM |
| Taught Course | Introduction to XML Schema & JAXB |
| Taught Course | Introduction to Java EE Design Patterns |
| Taught Course | Introduction to Object-Oriented Design Patterns (also held as part of the OOP faculty course in the Polytechnic University of Buc |
| Taught Course | What's new in Java EE 6 |
| Taught Course | Introduction to EJB3 |
| Taught Course | Introduction to JPA |
| Taught Course | Introduction to Spring: Core, AOP, DAO, MVC |
| Taught Course | Introduction to RESTful Web Services |
| | |
| Dates | **2011** |
| Certification Awarded | Oracle Certified Professional, JEE5 Business Component Developer (1Z0-860) |
| | |
| Dates | **2010** |
| Certification Awarded | Sun Certified Web Component Developer (SCWCD 5.0) |
| Certification Awarded | Sun Certified Developer for Java Web Services (SCDJWS 5.0) |
| Taught Course | Java Web Services with JAX-WS |
| | |
| Dates | **2009** |
| Certification Awarded | Sun Certified Java Programmer (SCJP 5.0) |
| Attended Course | PL/SQL Advanced Programming, provided internally by S.C. Kepler-Rominfo S.A. |

| | |
|---|---|
| Dates | **2004 – 2009** |
| Title of qualification awarded | IT Engineer |
| Principal subjects covered | Thesis Title: *Business Process Evolution Management Tool* |

| | | |
|---|---|---|
| | Object-Oriented Programming | Formal Languages |
| | Multi-Agent Systems | Artificial Intelligence |
| | Algorithms and special programming techniques | Functional Programming |
| | Linux and Windows Kernel programming | Protocols and Networks |
| | Project Management | PL/SQL Programming |

| | |
|---|---|
| Name and type of organisation providing education and training | Faculty of Automatic Control and Computer Science - Department of Computer Science Polytechnic University of Bucharest |
| Level in international classification | ISCED 5A |
| Dates | **2000 – 2004** |
| Title of qualification awarded | "Bacalaureat" exam, 9.54 score (out of 10.00) |
| Principal subjects covered | Mathematics-Informatics branch |
| Organisation providing education | Gheorghe Şincai National College, Bucharest |
| Level in international classification | ISCED 3A |

## Publications

| | |
|---|---|
| Papers in Proceedings of International Conferences | • V. Rentea, M. Rentea, M. Isăroiu, N. Bogdan, and R. Ioaniţescu, "Prevention Assistant – Risk Evaluation Based on Sparse Data," EIDWT, 2012 (Indexed by **ISI**) |
| | • V. Rentea, F. Ricci, L. D. Şerbănaţi, and A. Vasilăţeanu, "Supporting Adaptability in Agent-Based Digital Healthcare Ecosystems," COGNITIVE 2011, 2011 (Indexed by **ISI**) |
| | • V. Rentea, A. Vasilăţeanu, R. Ioaniţescu, and L. D. Şerbănaţi, "Software Engineering-Inspired Approach to Prevention Healthcare," 4th ICST International Conference on eHealth, 2011, p. 4 (Indexed by **ISI**) |

## Personal skills & competences

| | |
|---|---|
| Mother tongue(s) | **Romanian** |
| Other language(s) | |
| Self-assessment | *(\*) Common European Framework of Reference for Languages* |
| *European level (\*)* | |

| Understanding | | | | Speaking | | | | Writing | |
|---|---|---|---|---|---|---|---|---|---|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| C1 | Proficient user | C1 | Proficient user | B1 | Independent user | B1 | Independent user | B2 | Independent user |
| C1 | Proficient user | C1 | Proficient user | C1 | Independent user | C1 | Independent user | C1 | Independent user |

**English** (first row), **Spanish** (second row)

| | |
|---|---|
| Soft skills and competences | - *Leadership*: lead medium size (7 developers) Java EE critical web project; lead the adoption of web services throughout major company; lead internal IBM project |
| | - *Responsibility & Commitment* for successful delivery, doing whatever it takes to succeed |
| | - *Energetic*, motivating the others through an enthusiastic and optimistic presence |
| | - *Positive Team Player*, adopting a confident and supportive teammate attitude |
| | - *Communication* (in 3 fluent languages): meetings, demos, trainings, and conferences |
| | - *Efficient time-management*, ability to handle multiple problems at once |
| | - *Objective Decision Maker*, based on Internet research, brainstorming, past experience, and POCs |
| | - *Openness* to new technologies or ideas, as soon as they prove their maturity |
| | - *Technical Risk Assessment* for a variety of scenarios |
| | - *Work Estimates* performed on various types of activities, using brainstorming/poker planning |
| | - *Holistic Analysis*: striving to understand the entire software solution, not just the problem at hand |
| | - *Strict Deadlines* met successfully in both Waterfall as well as Agile setups |
| | - *Consulting, Training & Mentoring*: trained >500 and mentored 10 developers in >140 hours |
| | - *Developing Self and Others,* by continuous self-documentation and technical discussions**,** regular code reviews to aim for clean, maintainable code |

| | |
|---|---|
| Technical skills and competences | *- Client Tier:* AngularJS, jQuery, Bootstrap, XHTML, CSS, Photoshop, Java WebStart |
| | *- Presentation Tier :* Spring MVC, Struts, Servlets, JSP, DWR, JSON, GWT, JSF |
| | *- Business Tier:* Spring, EJB3.x, Guice, CDI |
| | *- Integration Tier:* JAX-WS/WSDL, JAX-RS, JMS, RMI, JPA, Hibernate, iBatis, JDBC, Oracle SQL |
| | *- Testing:* JUnit, EasyMock, Mockito, DBUnit, Unitils, SoapUI |
| | *- Tools:* Jenkins, JIRA, CVS, SVN, Git, Confluence, Ant, Ivy, Maven, DBMaintain, Liquibase |
| | *- UML Tools:* Enterprise Architect, Power Designer |
| | *- Other:* XML, XSD, XSL-FO, Jasper, Linux |
| | *- Methodologies:* Agile/SCRUM, Test-Driven Design, **Clean Code**, DDD, Waterfall |
| | *- Other Languages:* Groovy, Prolog, Scheme, Haskell, Lisp, Clips, Lex, LaTeX, Pascal |

| | |
|---|---|
| Other skills and competences | Mountain trekking<br>First Aid Voluteer: Member of the Romanian Red Cross Team at International Contest, 2006 |
| Training Summary Metrics: | • Since January 2013, I delivered<br>• more than 46 days of trainings (for a total of more than 140 hours)<br>• to over 500 developers<br>• if face-to-face setting (classroom) as well as remotely (via desktop sharing and tele-conference)<br>• in Romanian and English<br>I developed my own trainings materials (copyright owner), often in collaboration with various co-workers to ensure a comprehensive and un-biased view of the topics. |
| **Additional information** | The following are available upon request:<br>• An overview of the assignment history<br>• A meta-analysis of the anonymous feedback to the trainings delivered<br>• Other references and recommendations. |