Europass
Curriculum Vitae

Personal Information

First Names / Surnames	**Dan Persa**
Address	*(not shown due to privacy protection)*
Mobile	*(not shown due to privacy protection)*
Email	*(not shown due to privacy protection)*
Website	https://github.com/danpersa
Nationality	Romanian
Date of Birth	8th March, 1985
Gender	Male

Occupational Field

Software Engineering / Programmer

Work Experience

May 2013 ⟶ Present

Software Engineer

Employer
Zalando (https://tech.zalando.com/), Berlin, Germany

Highlights
- Agile methodologies, having 1 week sprints
- Design and develop three RESTful APIs
- Work on software accessed by thousands of users per second
- Design a new database for the Article Reviews project
- Share knowledge through Tech Talks, Workshops, Reading Groups, Mentoring
- Doing interviews

Contributions
As part of the Catalog and Navigation team:
- Onboarding of the new members of the team
- Organize agile meetings
- Code reviews for pull requests

As part of the Mentoring Team:
- Give monthly presentations about the Google Guava library
- Organize monthly workshops about REST for onboarding
- Give a tech talk about Acceptance Testing and one about Code Refactoring
- Organize several Coder Dojos
- Organize reading groups with weekly meetups

As part of the Git Ambassadors Team:
- Introduce git to the other developers
- Help the others with their daily git problems

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Projects	Mosaic https://www.mosaic9.org/
	• Part of the Spearheads team. The team came up with the new Fashion Store architecture, Mosaic
	• Work on prototyping the initial services of Mosaic
	• Implemented the Innkeeper https://github.com/zalando/innkeeper project (API Route Management), as an open source project, using the Scala programming language
	• Promoted the architecture outside of Zalando, in a series of blog posts and tech talks.
	Skrop https://github.com/zalando-incubator/skrop
	• Skrop is an open source a media service based on Skipper and the vips library, written in go.
	• The service is able to resize and crop images on the fly.
	Shop Filters API
	• Part of the team which designed and created the Filters API for the Zalando Shop
	• Create an offline version of the API, so we can run all of our integration tests without an internet connection
	• Use Spring Boot so that the API can be deployed on AWS using Docker
	• Help the team organize, so it can work as efficiently as possible
	Zalando Public API
	• Part of the team which designed and created the initial version Zalando Public API
	• Participate at the Tech Crunch Disrupt Hackathon 2014 in London to make our API more popular
	Article Reviews
	• Create the architecture of a RESTful API that deals with creation, and management of the reviews for the zalando.de website
	• Implement the RESTful API using JAX-RS and Spring
	• Design the PostgreSQL database and write stored procedures
	• Work with Solr for indexing the reviews
	Filter Refactoring
	• Rewrite the server side code of the filters from the zalando.de website, so that they support multi selection, negative filtering
	• Introduce Spring MVC to the catalog page.
	• Write unit and integration tests
Used technologies & tools:	• Technologies: Spring MVC, Spring Core, Guava, Solr4J, JUnit, Mockito, JAX-RS, SOAP, Cucumber, Thymeleaf, JAX-WS, Hamcrest
	• Web Server: Tomcat 7
	• IDE: IntelliJ
	• Database: PostgreSQL
	• Full text search: Solr
	• Build management and testing: Maven,
	• Revision control: Git -> Atlassian Stash, Github Enterprise
	• Issue tracking: JIRA
	• Continuous Integration: Jenkins, Bamboo
	• Documentation: Confluence
Type of Business or Sector	Fashion & Technology
Nov 2012 ⟶ Apr 2013	**Software Engineer**
Employer	Groupon (http://www.groupon.de), Berlin, Germany

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Highlights	• Develop a RESTful API • Work in the team that sends millions of daily newsletters • Develop new functionalities based on specifications • Write automated testing suites for the applications • Modify the existing database, to fit the new functionalities • Write documentation • Use SCRUM, having 2 week sprints
Used technologies & tools:	• Technologies: Spring MVC, Spring Core, Hibernate, Jersy, RESTEasy, SOAP, WDSL, JUnit, Mockito, Spring Boot • Web Server: Tomcat • IDE: IntelliJ • Database: Postgres • Build management and testing: Maven • Revision control: Git • Issue tracking: JIRA • Continuous Integration: Jenkins
Type of Business or Sector	Coupons & Software Development

Aug 2011 ⟶ Oct 2012 — Software Engineer

Employer	Keba (http://www.keba.com/), Bucharest, Romania
Highlights	• Develop new functionalities based on specifications • Write automated testing suites for the applications • Modify the existing database, to fit the new functionalities • Write the installation and users manual • Use Agile methodologies
Project	Keba Ticketing, developed for Romanian Commercial Bank, a member of ERSTE Group BCR has around 9000 ATMs spread through the country. Every ATM sends problem and fix messages to the Keba Ticketing system. The system interprets the messages and automatically opens(closes) tickets for the right teams. For example if an ATM is out of cash, a ticket for the Replenishment Team is open. The system gets thousands hundreds of events every minute.
Used technologies & tools	• Technologies: Spring MVC 2.5, Spring Core 2.5, Hibernate 3, SOAP, WDSL, Drools, JUnit • Web Server: Tomcat • IDE: Netbeans, SqlDeveloper • Database: Oracle 10i • Build management and testing: Maven • Revision control: Subversion • Issue tracking: JIRA • Continuous Integration: Jenkins
Type of Business or Sector	Automation & Software Development

Jan 2011 ⟶ July 2011 — Software Engineer

Employer	Wappa (http://www.wappa.be/company.html), Bucharest, Romania
Highlights	• Develop Java enterprise applications using Seam Framework and J2EE 5.0 technologies • Write unit test and integration tests • Work in an Agile environment, use Test Driven Development

Project	OVAM Project
	Work in a team of five people. Develop an application for The Flemish Public Waste Ministry. The webapp manages the flows of documents and certificates within OVAM. It also manages clients and payments. It is developed using the Agile methodologies, in thirty iterations, during a period of an year and a half.
Used technologies & tools	• Technologies: Seam Framework, J2EE 5.0, EJB 3.0, JSF, SOAP, WDSL, Drools, TestNG, Selenium • Application Server: Jboss Application Server • IDE: Netbeans, Database Navigator • Database: IBM DB2 • Build management and testing: Maven • Revision control: Subversion • Issue tracking: JIRA • Continuous Integration: Bamboo
Type of Business or Sector	Software Development

Oct 2009 ⟶ Dec 2010 — **Application Designer**

Employer	Raiffeisen Bank (http://www.raiffeisen.ro/en/), Bucharest, Romania
Highlights	• Create project design document (including UML diagrams), user and administration guide, based on functional specifications • Design and create web-based applications using IBM Websphere Portal and JSR-168 Portal technologies • Design and create web services • Create the architecture for the databases used by the web-based applications • Write automated testing suites
Projects	Periodic Commissioning and Promotions Project (1 year and 3 months) Tasks & roles • Create the design document, based on the functional specifications • Design and created 3 portlets, one for searching clients, one for defining periodic commissioning, and one for defining promotions • Design the database for the project • Develop automated testing suites for the service layer of the application Internet Banking (11 months) Tasks & roles • Create the design document, based on the functional specifications • Design and create a web service, optimized for high volume of data and users (the service is called for processing every Internet Banking transaction from Raiffeisen) • Design and created the database for the project
Used technologies & tools	• Technologies: JSR-168, Spring MVC Portal 2.5, Hibernate 3, GWT, WSDL, SOAP, Hibernate • Application Server: IBM Websphere Application Server • IDE: Rational Application Developer, Eclipse, Netbeans • Database: Oracle • Build management and testing: Maven • Revision control: Subversion, Aldon • Issue tracking: Mercury
Type of Business or Sector	Banking

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Aug 2008 ⟶ Sept 2009	**Software Engineer**
Employer	Siveco (http://www.siveco.ro/en/), Bucharest, Romania
Projects	IACS Project for APIA Romania (Agricultural Payment Agency) (1 year)

Work in a team of more than ten developers on IACS Project for APIA Romania (Agricultural Payment Agency) IACS (Integrated Administration and Control System) makes it possible to develop direct and indirect (data warehouse for animals, land, applicants, control and administration processes) system modules. It constitutes the basis for agricultural grants from the EU.

Tasks & roles
- Create the design of the application and UML diagrams, based on the functional specifications
- Analysis and development using the project specific technologies
- Work in a team of more than ten developers

SIVZILLA (2 months)

Sivzilla is a bug tracking system, similar with Bugzilla

Tasks & roles
- Create the design of the application and UML diagrams, based on the functional specifications
- Develop the application using the project specific technologies

Used technologies & tools	- Technologies: EJB 3.0, JSF, GWT, Hibernate 3, Spring Core, GWT, SOAP, WDSL, JUnit - Application Server: JBoss 5.0 - IDE: Eclipse - Database: Oracle - Build management and testing: Maven - Revision control: Subversion - Issue tracking: JIRA
Type of Business or Sector	Software Development
Oct 2007 ⟶ July 2008	**Software Engineer**
Employer	ITC Networks (http://www.itcnetworks.ro), Bucharest, Romania
Main Activities & Responsibilities	- Work on developing a security solution for a series of Nortel switches. - Work with the testing team located in Santa Clara (USA)
Used technologies & tools:	- Programming Language: C - Platforms: Nortel Secure Network Access Switch - IDE: Eclipse, VIM - Operating systems: VxWorks, Linux, Windows - Revision control and issue tracker: IBM ClearCase
Type of Business or Sector	Software Development
July 2005 ⟶ Sept 2007	**Software Engineer**
Employer	Gameloft (http://www.gameloft.ro/), Bucharest, Romania
Main Activities & Responsibilities	- Work on developing and porting mobile games to J2ME and DOJA phones - Develop and ported mobile games on the J2ME platform - Work with other development and testing teams located in France, China or India

Used technologies & tools:	• Programming Language: Java
	• Platforms: J2ME, DoJa
	• IDE: Eclipse, Netbeans, jEdit

| Type of Business or Sector | Mobile Games Development |

Education and Training

| 2004 ⟶ 2009 | **Bachelor Degree in Computer Science** |
| | POLITEHNICA University of Bucharest |

| 2000 ⟶ 2004 | **Ovidius High School, Constanta** |

Personal Skills

| Mother Tongue | **Romanian** |

Other Languages

Self-Assessment European Level(*)

	Understanding		Speaking		Writing
	Listening	Reading	Spoken Interaction	Spoken Production	
English	C1 Proficient User	C1 Proficient User	B2 Independent User	B2 Independent User	C1 Proficient User

(*) *Common European Framework of Reference (CEF) Level*

Communication Skills	• Good ability to work individually or as a team with a strong sense of responsibility on any of the situations
	• Excellent communication skills, gained through working with the testing teams and upper management
	• Ability to respond well under pressure preserving a professional rigor
	• Good ability to adapt to multicultural environments, gained through working in international teams

Organizational Skills and Competences	• Ability to manage projects with a sense of organization and competence
	• Ease of transmission of knowledge and development methodologies
	• Elevated ability for self-criticism and self-evaluation of the work performed

Tech Talks	• Codemotion Berlin 2015
	• Microservices Meetup Munich
	• Code Talks 2016

Job Related Skills	• Programming Languages - Advanced: Java
	• Programming Languages - Intermediate: Scala, Clojure, Ruby, SQL
	• Other technologies: CSS, JavaScript, HTML, UML, XML, Maven
	• Database Management Systems: PostgreSQL, Oracle, IBM DB2, Couchbase, MongoDB
	• Version Control Systems: Git and Subversion
	• Java Related: Spring, Hibernate, JPA, JSF, RESTlet, JAX-RS, Solr, Guava, EJB, JBoss Seam
	• Java Frontend: Spring MVC, GWT, Freemarker
	• Java Testing: JUnit, TestNG, Mockito, Cucumber
	• Full text search: Solr, ElasticSearch
	• Application Servers: WebSphere Application Server, WebSphere Portal 6.0, JBoss 5.x
	• Web Servers: Tomcat, Jetty

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Computer Skills	• Microsoft Word, PowerPoint, Excel, Outlook, Lotus, OpenOffice • Photoshop, Flash, Dreamwaver, Corel Draw, Adobe Lightroom • Mac OS X, Windows, Linux
Artistic Skills and Competences	• Photography
Other Skills and Competences	• Ease of learning and research autonomously
Driving License	B Category

Additional Information

Certifications	• Sun Certified Web Component Developer 5.0 • Sun Certified Java Programmer 6.0 • CISCO Certified Network Associate 1

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