Decebal Șuiu

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Personal Information

- *Date and place of birth: 2 June 1975, Bucharest, Romania*

Work Experience

Advantage Software Factory (2004 - present)

Position:

- *senior java developer*
- *team leader, project manager, product manager for NextReports project*

Responsibilities:

- *research and development (create a fast development framework which is the base for all the company products, add Continuous Integration via Hudson/Jenkins, add Spring Framework, add Dependency Management via Apache Ivy/Maven, add Apache Wicket as component oriented web framework)*
- *Java recruiter (only for technical aspects)*
- *contribute actively as Java developer to projects like: Vodafone Retail System, Vodafone Debt Collector, Montero Warehouse Management System (I have dealt more with the horizontal services: Security, Printing, Persistence Layer, Service Layer, Reporting, Build&Deploy)*

The following technologies are used:

- *J2EE, Spring Framework, SQL, Swing, HTML, CSS, XML, Jackrabbit (Java Content Repository), Apache Wicket (web framework), AJAX, JSON, JQUERY, Jersey (Web Services), Quartz (Scheduler Server), EHCACHE, Ant, Ivy, Maven, CVS, SVN, Git, Jetty, Tomcat, JBoss, Oracle 10gAS*

Within this company I won several awards:

- *Certificate of Accomplishment (2005) – in recognition of professional achievement as the "Most Innovative Employee"*
- *Certificate of Accomplishment (2006) – for innovation in contributing to NextReports and Web Framework*

- *Most Innovative (2007) – in recognition of professional achievements, great contributions and hard work*

In 2006 I created NextReports, a reporting tool in Java. Now, NextReports is a leading open source reporting suite used worldwide. The entire suite is available on GitHub.

Fort Soft (2004 - present)

Position:

- *founder and CTO*

Responsibilities:

- *create a competitive and agile team*
- *create new business lines*
- *implement an agile software development methodology (Scrum and Extreme Programming - XP)*
- *promote open source solutions*

This startup gave me the opportunity to understand some key aspects (sales, marketing, management) related to an IT company and to practice approaches like Lean Startup, Minimum Viable Product, and much more.
I successfully completed several custom development projects and I created an e-commerce platform (software as a service) for the local retailers. The service is not released yet.

Adcon Telemetry (1999 - 2003)

Position:

- *senior java programmer*

Responsibilities:

- *design and implement various parts (Extension Mechanism, Transaction Service, Security Service, Naming and Directory Service) of the data acquisition and processing software - addVANTAGEPro.*
- *design and implement a monitoring suite for the application server* (*Log Monitor*, *User Monitor, Thread Monitor*)

- *design and implement the license kit (with features like: expiration date, automatic copy protection, host dependence, maximum number of users allowed, maximum number of devices allowed).*
- *supervisor of the project for Linux and Solaris platforms*
- *design and implement (only the servers part and the communication protocol – XML based) the NISCP (National Informatics System for Crop Protections) for which the beneficiary was the Ministry of Agriculture.*

The following technologies were used:

- *RMI, SWING, Java 2D, Servlets, Java Mail, JDBC, JNDI, JSP, XML, UML, specific design patterns, transactions, CVS*

The addVANTAGE products covering water management, agriculture, irrigation are sold all over the world for big companies like Agrilink from Australia, Western Farm from USA. The application server is a java RMI server that contains essential services like: Naming and Directory, Persistence, Security, Database Connectivity, Logging, Extensions, Activity Monitors.

Romanian National News Agency (AGERPRES) (1998 – 1999)

Position:

- *software engineer*

Responsibilities:

- *design and implement a national system for real time news distribution through a heterogeneous environment. The system used Java as programming language.*

The following technologies were used:

- *push technology, multicast transmission (LRMP, a reliable multicast protocol from Inria), distributed computing (RMI with custom sockets), Swing*

The application reads news in real time from the receivers using the serial port, groups these news on channels and pushes them to subscribers (TV stations, Radio stations, Newspapers).
The system was designed to do the same job as Castanet from Marimba and Startbust from Startbust Communications but with lower costs.

Key Skills / IT & Software Experience

Notable highlights:

- *I have been using with Java since 1997 (I began with JDK 1.0.3). My entire career is about and around Java*
- *Diploma project in Java language (JDK 1.1.3) - image processing (reduction of colours from an image using vectorial quantum).*
- *Web programming using: Servlets, JSP, Apache Wicket*
- *J2EE with EJB and Spring framework*
- *Application servers as JBoss, Oracle 10gAS*
- *Design patterns*
- *Swing, Java Mail, JNDI, RMI, JDBC, JPA, Hibernate, JPA, Spring Framework, JCR, EJB, JUnit, Quartz Scheduler, Log4j*
- *Ant, Ivy, Maven*
- *CVS, SUBVERSION, GIT*
- *Linux/Unix (my desktop & server OS for the last 12 years)*

As a Java enthusiast and mentor I encouraged open source and social coding initiative. I have created and I also have been contributing on many projects released under an Open Source License. Below are the top 3 projects:

- *NextReports (https://github.com/nextreports) Ad Hoc Query and Reporting tool that promotes simple, fast and powerful report creation.*
- *PF4J (https://github.com/decebals/pf4j) a powerful plugin framework for Java*
- *Pippo (https://github.com/decebals/pippo) a Micro Java Web Framework*

I believe that it's a challenge to validate an idea via an open source project, to create a community of users and developers around it, to preserve good quality, to grow and be useful to others.

Education

Faculty of Electronic and Telecommunication, Polytechnic Institute of Bucharest, 1993-1998

Diplomat Engineer in Computer Science (System Engineer).

Hobbies

Robotics (autonomous robots), Internet of Things (IoT) - home automation projects, sports (basketball, football, chess), gardening, projection (irrigation systems, small buildings) using SOLIDWORKS application.