Dragos Balan

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1 Short description

A seasoned java/scala developer having a a full overview over the software development lifecycle (as depicted by his development and project management skills) currently working as a senior big data developer in the audio advertising industry.

2 Personal information

Name	BALAN Dragos
Address	Bucharest, sos. Berceni, nr. 8
Telephone	(+40) 74…
E-mail	dragos.balan@gmail.com
Nationality	Romanian
Date of birth	10/08/1976

3 Work experience

3.1 TL, big data, scala (10/2017 - present)

Employer	Adswizz
Business	Audio Advertising
Position held	Senior Developer for Big Data Apps, Team Lead
Project description	Inventory Forecast
Client	Internal project
Methodology	Agile
Technologies	Scala 2.11, Java 8, Spring Boot 1.x, Apache Spark 2.x, AWS, AWS S3, Elastic Map Reduce, Amazon Redshift, Jira, Jenkins, Git

Main activities and responsibilities:

- Improve the horizontal scalability of existing applications by rewriting and reverse-engineering using Spark Core (RDDs) and Scala

- Ensure the capability of ingestion of hundreds of TB of data

- Perform unit / integration / Load and performance testing

- Document the newly created systems

- Coordinate a team of 3-5 devs

3.2 TL, full stack java (02/2016 – 10/2017)

Employer	INTRASOFT International SA
Type of business or sector	IT Services
Position Held	Full stack Senior Developer - Team Leader
Project description	Mapping Assistant: Re-writing of a desktop application as a Single Page Web Application
Client	EUROSTAT
Methodology	Agile
Technologies	Jira, Bamboo (CI), Git, REST, Java 8, Spring Boot 1.x, React.js

Main activities and responsibilities:

- Analysis and development of the backend and frontend of the web application

- Unit testing

3.3 project manager (09/2016 – 02/2017)

Employer	Central Europe Technologies (part of BNP-Paribas group)
Business	Banking - Personal Finance
Position held	Project Manager - Java JEE based projects
Project description	Homebank : Personal finance management application
Client	AlphaCredit Belgium
Methodology	Waterfall
Technologies	MS Project, MS Word, MS Excel, Jira, Git, Confluence
Technologies	Java 7, JEE 7, SOAP, Web Services, XML, JEE 7 (mostly JAX-WS, CDI, JPA), WebSphere Application Server

Main activities and responsibilities:

- Supervision of the JAVA teams to deliver in scope, on time and within budget always keeping in mind the high quality imposed by BNP-Paribas standards

- Managing the development and implementation of the project in accordance with the identified business needs

- Acquiring and utilizing the necessary resources and skills, within agreed parameters of cost, time-scales, and quality

- Give proposals for project strategies, planning, definition of tasks and deliverables, review of project deliverables, quality control, risk analysis and management, status reports, problem reporting and management systems, follow up and organisation

- Participate in functional working groups and progress meetings

- Estimate costs, time-scales and resource requirements for the successful completion of the project.

- Prepare and maintain project and quality plans and track activities against the plan, provide regular and accurate reports

- Monitor budget, time-scales and resources used, and take action where these deviate from agreed tolerances.

- Ensure that delivered systems are implemented within these criteria

- Manage the change control procedure gaining agreement for revisions to the project from project sponsors

- Provide effective leadership for the project group ensuring that group members are motivated and constantly developing their skills and experience

3.4 TL, full stack java (01/2016 – 09/2016)

Employer	INTRASOFT International SA
Type of business or sector	IT Services
Position Held	Senior Full Stack Java Developer - Team Leader
Project description	Wizard-like web application to help users build and automate their interactions with the SDMX infrastructure
Client	EUROSTAT
Methodology	Agile
Technologies	Jira, Bamboo, Git, REST; SDMX 2.0; SDMX 2.1; Java 8; Spring Web Flow, Bootstrap 3.0, JQuery, Spring Framework, CentOS, Windows

Main activities and responsibilities:

- Analysis and Development of a web application

- Team coordination (aprox. 5 persons)

3.5 technical PM (04/2013 – 01/2016)

Employer	INTRASOFT International SA
Type of business or sector	IT Services
Position Held	Technical Project Manager - Java and .Net projects
Project description	SDMX Tools Maintenance : A suite of tools promoted by EUROSTAT to the Member States and used in order to automate the periodic exchanges of statistical data between the Member States and EUROSTAT.
Client	EUROSTAT
Methodology	Agile
Technologies	MS Project, Jira, Bamboo, Git, REST; SDMX 2.0; SDMX 2.1; Java 1.5; HTML; JavaScript; Web Services; Spring Framework; XML., MS Windows, CentOS

Main activities and responsibilities:

- Analysis, Development, Enhancement and Maintenance of the SDMX Reference Infrastructure and the related suite of SDMX-Tools, developed in the past and based on the SDMX 2.0 and SDMX-2.1 standards

- Supervision of the .NET and JAVA teams located in Stuttgart, Bucharest and Luxembourg to deliver in scope, on time, in budget always keeping in mind the high quality standards imposed by INTRASOFT International.

- Managing the development and implementation of the project in accordance with the identified business needs,

- Acquiring and utilizing the necessary resources and skills, within agreed parameters of cost, timescales, and quality;

- Give proposals for project strategies, planning, definition of tasks and deliverables, review of project deliverables, quality control, risk analysis and management, status reports, problem reporting and management systems, follow up and organisation

- Participate in functional working groups and progress meetings

- Estimate costs, timescales and resource requirements for the successful completion of the project.

- Prepare and maintain project and quality plans and track activities against the plan, provide regular and accurate reports

- Monitor costs, time cales and resources used, and take action where these deviate from agreed tolerances. Ensure that delivered systems are implemented within these criteria

- Manage the change control procedure gaining agreement for revisions to the project from project sponsors

- Provide effective leadership for the project group ensuring that group members are motivated and constantly developing their skills and experience

3.6 sr. dev jee (06/2012 – 03/2013)

Employer	INTRASOFT International SA
Type of business or sector	IT Services
Position Held	Senior Analyst-Programmer Java JEE

Project description	ICISNET CUSTOMS (V.601108) : ICISnet is a modern customs system for Greek customs implementing EU and national regulations. Its scope is to fully cover customs officers' needs as well as traders and / or citizens who are dealing with customs era. The system interfaces with external systems either EU or National ones applying safety regulations imposed by EU and / or Greek authorities and laws. It's developed through 18 modules/applications which cover every activity, transaction, operation of Greek customs. It is a centralised system developed with the most recent technologies and methodologies. The ICISnet system is related to the implementation of EU Decisions and Directives and is operational on a 24/7 basis. ICISNET is considered to be a high volume data system as the number of users is 2,000 (long-term the system will be used from 10,000 users).
Client	Ministry of Finance of Greece (KTP)
Methodology	Agile
Technologies	Spring Webflow, Weblogic Server 10.3; JEE (Java Platform, Enterprise Edition), Spring Integration, JMS, SOAP web services, Arch Linux, MS Windows

Main activities and responsibilities:

• Maintain the existing application

• Ensuring the correct application of Agile principles.

3.7 project manager (10/2010 – 05/2012)

Employer	INTRASOFT International SA
Type of business or sector	IT Services
Position Held	Deputy Project Manager - Java Projects
Project description	OHIM-SMS :The project concerned the provision of corrective, adaptive and preventive maintenance of software relating to the Office's core business information systems for trademark and design registration. These systems cover the complete life-cycle and business process of a Community Trade Mark or Registered Community Design such as services for examination, opposition and cancellation, payment, communication between customer and the Office and access to specific services, e.g. classification tools
Client	Office for Harmonization in the Internal Market - OHIM
Methodology	Waterfall
Technologies	MS Project, Jira, SVN, Java 1.5; HTML; JavaScript; Web Services; Weblogic,Spring Framework; XML., MS Windows

Main activities and responsibilities:

- Coordinated the team located in Bucharest (approximately 15 people) in maintaining and developing a set of 10 applications for the Office of Harmonization in the Internal Market (OHIM)

- Managing the development and implementation of the project in accordance with the identified business needs,

- Acquiring and utilizing the necessary resources and skills, within agreed parameters of cost, timescales, and quality;

- Give proposals for project strategies, planning, definition of tasks and deliverables, review of project deliverables, quality control, risk analysis and management, status reports, problem reporting and management systems, follow up and organisation

- Participate in functional working groups and progress meetings

- Estimate costs, timescales and resource requirements for the successful completion of the project.

- Prepare and maintain project and quality plans and track activities against the plan, provide regular and accurate reports

- Monitor costs, timescales and resources used, and take action where these deviate from agreed tolerances. Ensure that delivered systems are implemented within these criteria

- Manage the change control procedure gaining agreement for revisions to the project from project sponsors

- Provide effective leadership for the project group ensuring that group members are motivated and constantly developing their skills and experience

3.8 TL, full stack java (01/2009 – 11/2010)

Employer	INTRASOFT International SA
Type of business or sector	IT Services
Position Held	Team Leader - Full stack java
Project description	Consular Protection Website : The system is a complete content management system with three main content categories organized: 1) information about Consular Protection provided mutually by all European Embassies to European Citizens outside European Union, 2) Contact information for all European Embassies in countries outside EU, and 3) Official Travel Advice information relayed from Cool web site. The website provides the information also in a format compatible with mobile devices.
Client	European Commission - Justice (DG JUST)
Methodology	Waterfall
Technologies u sed:	Alfresco DMS, MS Windows, Java, JavaScript, Rest, Struts2, Tomcat, Linux

Main activities and responsibilities:

- Coordination of the Romanian Team (5 people) into developing several websites: Anti-trafficking, European Migration Network and Consular Protection.

- Recreated the architecture for the above specified sites and design the integration with Alfresco document management system.

3.9 TL, full stack java (04/2007 – 12/2008)

Employer	INTRASOFT International SA
Type of business or sector	IT Services
Position Held	Team Leader - Full stack java

Project description	EUBOOKSHOP - EU Bookshop : EU Bookshop is an online service that aims to provide a single access point to citizens and businesses for various publications of the European institutions, agencies and other bodies, published and/or catalogued by the Publications Office. Publications may be downloaded directly from the site or ordered. EU Bookshop provides simple and advanced search functions as well as browsing functionalities. Furthermore, users can sign up to 'My EU Bookshop' and access personalized functions: search queries can be saved for regular use or the user can choose to be notified by e-mail about publications of interest.
Client	Publications Office of the European Union (OPOCE)
Methodology	Waterfall
Technologies	Tomcat 5.x, Java 1.5, Spring, Struts2, MS Windows, Linux, JIRA

Main activities and responsibilities:

- Coordination of the development team

- Design the architecture of the system

- Write documentation

- Implementation and unit testing

3.10 sr. java dev (12/2004 – 03/2007)

Employer	INTRASOFT International SA
Type of business or sector	IT Services
Position Held	Senior Java Programmer
Project description	FISH1 – DG Fisheries – R.904: The mission of the Data Collection System is to collect, store and aggregate data that are derived from the national programmes set up by the Member States of the European Union in accordance with the Commission Regulation (No. 1639/2001). Transmissions of data have been automated and are carried out through a formalised data communication process facilitated by the project within a delimited time period.
Client	European Commission - Maritime Affairs and Fisheries (DG MARE)
Methodology	Rational Unified Process
Technologies	MS Windows, JIRA, ColdFusion, Fusebox, Java, HTML, XML

Main activities and responsibilities:

- Technical analysis of the existing system and the new modules

- Re-engineering of some parts of the product in accordance to new requirements

- Implementing change requests and new functionalities

- Unit testing

3.11 sr. java dev (06/2004 – 12/2004)

Employer	INTRACOM
Type of business or sector	IT Services
Position Held	Senior Programmer
Project description	RPL : web query builder on the census data without any SQL knowledge. This visual query builder was a wizard-like application where every step translated a certain SQL feature into statistics friendly inputs. The final query result was displayed as a pivot table and allowed export in several formats.
Client	Romanian National Institute for Statistics (INS)

Methodology	Waterfall
Technologies	MS Windows, Linux, J2EE; Hibernate Framework Model 2.2/3; Servlet 2.3/JSP 1.2; Tomcat 5.x

Main activities and responsibilities:

- Design and documentation of the entire application.

- Development of the system.

- Writing unit tests.

3.12   java dev (06/2003 – 06/2004)

Employer	DRAEXLMEIER Gmbh.
Type of business or sector	Electrical and electronic systems
Position Held	Programmer
Project description	IPST : IPST is an applications designed for the management of production of electrical parts for cars.
Client	Internal project
Methodology	Waterfall
Technologies	J2EE; Servlet 2.3/ JSP 1.2; JBoss 4.0.2; website content design; Toad for Oracle 8.x; JUnit Framework 3.8.1

Main activities and responsibilities:

- Write Functional -Technical Analysis

- Design parts of the application

- Code according to specifications

- Write unit tests

3.13   java dev (06/2002 – 06/2003)

Employer	PRODINF SOFTWARE LTD.
Type of business or sector	IT Solutions
Position Held	Junior Programmer
Project description	Asig 4.0 : Asig 4.0 is a J2EE application meant to manage the insurance process of a big insurance company. Asig 4.0 had all features needed: from client and risk management to insurance-premiums computation.
Client	Asirag
Methodology	Waterfall
Technologies	MS Office; Orion Application Server; Java 1.4; JBuilder

Main activities and responsibilities:

- Development of the swing client part of the application according to specifications

4   Education and training

4.1   Formal education

4.1.1   Postgraduate in Information Technology

Dates (from – to)	10/2000 – 10/2002
Name and type of organisation providing education and training	University of Pitesti
Principal subjects/occupational	Information Technology
Title of qualification awarded	Postgraduate in Information Technology
Level in national classification	EQF Level 7

4.1.2 BSc in Mathematics

Dates (from – to)	10/1995 – 10/1999
Name and type of organisation providing education and training	University of Pitesti
Principal subjects/occupational	Mathematics
Title of qualification awarded	BSc in Mathematics
Level in national classification	EQF Level 6

4.2 Informal education

4.2.1 JPA and Hibernate fundamentals

Dates (from – to)	01/12/2016 – 28/12/2016
Name and type of organisation providing education and training	Udemy
Principal subjects/occupational	Java Persistence: JPA and Hibernate fundamentals
Title of qualification awarded	Certification of Completion

4.2.2 MongoDB certification

Dates (from – to)	01/09/2015 – 31/10/2015
Name and type of organisation providing education and training	MongoDB University
Principal subjects/occupational	MongoDB for Java Developers
Title of qualification awarded	Certification of Course Completion

4.2.3 Functional Programming Principles in Scala

Dates (from – to)	01/06/2015 – 31/07/2015
Name and type of organisation providing education and training	Coursera.org by École Polytechnique Fédérale de Lausanne
Principal subjects/occupational	Functional Programming Principles in Scala
Title of qualification awarded	Certificate of Excellence

4.2.4 CMMI certification

Dates (from – to)	23/06/2011 – 25/06/2011
Name and type of organisation providing education and training	CUNIX Info Tech
Principal subjects/occupational	CMMI
Title of qualification awarded	N/A

4.2.5 Alfresco training

Dates (from – to)	01/01/2011 – 31/03/2011
Name and type of organisation providing education and training	Personal training
Principal subjects/occupational	Training in Alfresco
Title of qualification awarded	N/A

4.2.6 SCJP Java Certification

Dates (from – to)	01/01/2007 – 01/06/2007
Name and type of organisation providing education and training	Sun
Principal subjects/occupational	SCJP documentation
Title of qualification awarded	SUN - SCJP- certification

4.2.7 PLSQL course

Dates (from – to)	01/06/2006 – 15/06/2006
Name and type of organisation providing education and training	Oracle Romania
Principal subjects/occupational	Informatics and Programming languages
Title of qualification awarded	Attendance certificate

4.2.8 Coldfusion training

Dates (from – to)	01/12/2004 – 31/12/2004

Name and type of organisation providing education and training	Personal training
Principal subjects/occupational	Coldfusion MX6
Title of qualification awarded	N/A

4.3 Several technical talks I've given

Maven Tutorial - February 2011

Functional Programming Principles and Java 8 - April 2015

5 Personal skills and competences

5.1 Languages

5.1.1 English

Reading skills	C1 – Proficient User
Writing skills	C1 – Proficient User
Verbal skills	C1 – Proficient User

5.1.2 French

Reading skills	A2 – Basic User
Writing skills	A2 – Basic User
Verbal skills	A2 – Basic User

5.2 Social Skills

The candidate is an open-minded, self-motivated person with very good communication skills. He has more than 11 years of experience working in international and multi-client environment with proven experience in managing distributed teams

5.3 Organizational skills

He has excellent leadership, managerial and communication skills and performs well under pressure with a rapid self-starting capability, creating also a comfortable atmosphere with his colleagues in even in the stressful working environments.

5.4 Other

Driving License: B