

Eugeniu Cararus

Associate at JPMorgan Chase & Co.

cararuseugeniu@gmail.com

Summary

I'm specialising in building distributed monolithic applications and micro-services, I mainly used traditional Java and J2EE technology stack on tomcat/jetty/weblogic server by using SpringFramework, Struts MVC with Hibernate and Mule ESB, and many other technology and tools.

I have 10 years of professional experience worked in various very interesting and demanding projects, mainly large scale distributed projects. I had a chance to work in big multi-threaded, concurrent, standalone application, but also I had chance to work on greenfield projects mainly at Mobiteam at the beginning of my career path.

Following trends I recently started to focus more on functional languages, I'm learning Scala and Closure, Spark I'm interested in Machine Learning. I studding different NoSQL databases mainly MongoDB and HA/EC Lucen, as well I'm interested into cloud computing AWS, GC, Cloud Foundry, Heroku. Infrastructure configuration/provision management/containerisation Docker, Puppet, Ansible and others HashiCorp products, I also worked on projects with different languages/frameworks like Groovy(Grails), PHP(Drupal) or GWT.

I had a chance to work within great agile teams distributed across the world with high coding standards in agile environment that valued lean and mature approach, embracing continuous integration and continuous delivery, integration tests, unit tests, pair programming by doing continuous codebase refactoring, I'm targeting continuous code improvement, and new technologies implementation. In terms of team organisation my slogan is "let's build mature and self managed team".

Generally I'm very focused, process oriented technical person.

I like knowing how things work around me and I always look for new exciting opportunities.

Personally I like socialise and build good relationship with people around me.

Experience

Senior Application Developer at JPMorgan Chase & Co.

October 2014 - Present (2 years 2 months)

JPMorgan Chase & Co. (NYSE: JPM) is a leading global financial services firm with assets of \$2.6 trillion and operations worldwide. The Firm is a leader in investment banking, financial services for consumers and small businesses, commercial banking, financial transaction processing, and asset management. A component of the Dow Jones Industrial Average, JPMorgan Chase & Co. serves millions of consumers

in the United States and many of the world's most prominent corporate, institutional and government clients under its J.P. Morgan and Chase brands. Information about JPMorgan Chase & Co. is available at www.jpmorganchase.com.

Senior Software specialist in open source solution. at Pentalog

November 2013 - October 2014 (1 year)

BalckDuck CLEINT:

Offering award-winning software and consulting, our client is the partner of choice for open source software adoption, governance and management to enterprises of every size. They help their customers harness the power of open source technologies and methods for faster innovation, greater creativity and improved efficiency.

PROJECT

Team has agreed to provide to the client a fully functional offshore development center (ODC) setup with a dedicated team of engineers. This team works with client engineers for the design, development, software programming, testing, configuration and integration, on an ongoing basis consistent with client's instructions and the specifications. The developed web application allows the building of a knowledge base regarding open source information, as well as analysis of software IP and open source risk profiling on software components. Overall, it enhances the open source software management through better control of existing code, improvement strategies and continuous learning.

TECHNICAL ENVIRONMENT

JAVA 7, Spring, JPA2, JavaScript, Backbone.js, jQuery, HTML5, CSS3, LESS, PostgreSQL

TEAM SIZE: 8

MISSION DESCRIPTION

Developer within the back-end team.

Analysis and estimation of the functional and technical evolutions.

Writing the architecture and the detailed technical design.

Carrying out the functional and the technical evolutions.

Carrying out tests and solving bugs.

Code reviewing every code change together with the team.

Documenting guides and techniques.

SKILLS

Zookeeper 1.5.1, Solr 4.6.0, PostgreSQL 9.1, Querydsl 3.3.0, EhCache 2.6.8, Hibernate 4.2.0, Spring 3.2.7, JAVA 7

Senior Software Engineer at Pentalog

April 2013 - November 2013 (8 months)

Nord Net CLIENT

Division of a main telecom operator established in the center of the Lille metropolis, the client is committed to an ambitious development dynamic, which nowadays places it among the most influential players specialized in new technologies, at a national and international scale, proposing to companies and individuals solutions which offer them secured access options, Internet presence and the possibility to maximize the exploitation of the available web resources.

PROJECT

The team is focused on providing two main types of activities: Third-Party Application Maintenance services provided in Moldova, which includes the corrective and upgrade maintenance on front-end side for several applications and on the client's backoffice applications, as well as Third-Party Application Acceptance services assured by the Vietnam team, involving testing and validation of some of the client's applications such as web, desktop and mobile applications. In addition, Team ensures design, analysis and technical research services for our client.

TECHNICAL ENVIRONMENT

JAVA, Spring 2.5, Spring 3.2, JPA, Hibernate 3.x, Axis 1.4, CXF 2.3, SpringSecurity 3.1, JSF, RichFaces, JUnit, DBUnit, Unitils, JBehave, MySQL 5.0.x, Maven, Dozer, JAXB, Drools, JBoss 4.x GA, PHP 5.x, HTML, CSS, jQuery, Jenkins, Apache, Redmine.

TEAM SIZE: 11

MISSION DESCRIPTION

Developer.

Analysis and estimation of the functional and technical evolutions.

In charge of writing the application code in accordance with the established architecture and the detailed technical design.

Development of the new application functionalities and specifications.

Maintenance of the existing functionality.

Design and implementation of unit tests.

Communication with the client on technical subjects.

Carrying out functional tests.

SKILLS

JAVA, JBoss 4.x GA, Dozer, Maven, MySQL 5.0.x, Unitils, DBUnit, JUnit, JAXB, CXF 2.3, Axis 1.4, Hibernate 3.x, JPA, Spring 2.5

Software Development Engineer at Pentalog

April 2011 - April 2013 (2 years 1 month)

CLIENT: ELSTER ENERGY ICT

Our client, one of the world leaders in the field of energy management, supplies its customers with tools that assist them in measuring and controlling their energy consumption (remote meter reading, data validation, estimating, editing, load shedding, forecasts, allocation, work flow and complex invoicing).

PROJECT

Team develops several projects concerning the design and development of energy management hardware and software solutions and services targeted towards the utilities and energy suppliers as well as to the end clients.

TECHNICAL ENVIRONMENT

JAVA 1.5/1.6/1.7, Internal framework, Internal Application Server, Oracle, Apache Maven 2.2.1, JIRA, GoogleMaps

TEAM SIZE: 15

MISSION DESCRIPTION

Developer.

Analysis and estimation of the functional and technical evolutions.

In charge of carrying out the functional and the technical evolutions.

In charge of carrying out tests.

SKILLS

Java, JUnit, EasyMock, PowerMock, Mockito, Google KML, Oracle 10g, env virtualisation.

Senior J2EE Developer at Pentalog

September 2010 - March 2011 (7 months)

CLIENT: FRAGRANCES AND FLAVOURS INDUSTRY LEADER

Global leader in the fragrances and flavours industry, the quoted company creates and produces unique and innovative fragrance and flavour solutions in the agri-food, perfumery sectors etc.

PROJECT

Development of a web application for managing the product transfer process in the production environment.

TECHNICAL ENVIRONMENT

Java EE5, Spring 2.5, Hibernate 3.3, Struts 2, Oracle 10g, WebSphere Application Server 6.1

TEAM SIZE: 7

MISSION DESCRIPTION

Developer.

Development of web applications for the management of customer product transfer.

Development of new application functionalities.

SKILLS

jQuery, HTML, Spring, Hibernate, JUnit, Tomcat, J2EE, CSS, Apache, JSP / Servlets, Struts, LDAP, Oracle, WebSphere, JavaScript

J2EE Developer at Pentalog

October 2009 - September 2010 (1 year)

CLIENT: STRATOR - ALTADIS GROUP

Strator is a subsidiary of the Altadis group, one of the world leaders in the tobacco industries. Strator offers its customers a software solution called Gamme5 providing the automation of the process of sale, collection and shop management.

PROJECT

The client has commissioned Pentalog with the development of a more efficient and more optimized solution, including new functionalities, for the sales management of shops. The purpose of the project was to create a software solution, named Gamme6, consisting of 2 parts:

- Desktop application installed on the cash register in the point of sale;
- Web Strator application installed on a Strator server in an Altadis environment that will be available via Internet as a Web application.

These two applications must exchange information on the same database by using Web Services.

TECHNICAL ENVIRONMENT

JAVA, AJAX, Tomcat, JBoss, Hibernate, Spring, JavaScript, jQuery, JSF, RichFaces, JUnit, PostgreSQL, Eclipse, Maven, pgAdmin, JIRA, Confluence

TEAM SIZE: 32

MISSION DESCRIPTION

Developer.

Estimation of the workload for the use cases.

Management of the design documents according to the client's specifications.

Development of functionalities.

In charge of carrying out and managing unit tests.

SKILLS

JSF, Hibernate, PostgreSQL, JBoss, JAVA

Software Developer at F-Line Technologies

August 2009 - October 2009 (3 months)

F-Line Technologies develops and supports solutions for banks and financial institutions. It is experienced in working with large information systems using Oracle technologies. F-Line Technologies has successfully completed several complex system integration projects for banks in CIS countries (including Moldova, Azerbaijan, Georgia, Kazakhstan, and Ukraine) and provided them with financial analysis and retail service solutions, including loan origination and credit scoring.

PROJECT: E-Banking solution

The team was focused on providing high available solution for on-line banking for Azerbaijan market. Application has been designed and fully maintained by Moldavian team, which includes the corrective and upgrade maintenance on front-end side and on the client's back-office applications, as well as implementation of new features.

RESPONSIBILITY:

My main responsibility was to implement security and user management module.

TECHNICAL ENVIRONMENT:

As company is Platinum partner of Oracle key technologies used for development of application was mainly Oracle products such as OracleADF with UI written by using PrimeFaces/RichFaces, OracleBI as reporting solution, Oracle10g, WebLogic application server.

Software Developer at ICS Mobiteam

June 2007 - September 2009 (2 years 4 months)

MISSION DESCRIPTION

JAVA Developer within a project for the development of dating portal.

Development of new features for the Dating Service and the System Administration Tool.

Maintenance of the portal.

In charge of providing support for the developed modules.

SKILLS

Maven, Hibernate, Eclipse, PostgreSQL, JNDI, JDBC, CSS, JSP / Servlets, PLPG/SQL, JavaScript, JAVA, XML

Software Developer at ICS Dreamcraft

January 2009 - May 2009 (5 months)

Dreamcraft is an investment project which was creating to develop a real-time game based on 2'd world war facts. WWII-game has been designed to play on both web/standalone modes.

RESPONSIBILITY:

Develop an portal where users can play on-line game without having standalone application installed.

TECHNICAL ENVIRONMENT

Java, Spring 3.2, Hibernate 3.x, Axis 1.4, JUnit, Apache Tomcat.

Web Developer at Center of the Network and Internet Resources of the Science Academy of Moldova

March 2007 - November 2007 (9 months)

Create Web site for Science Academy of Moldova www.asm.md

Create Web site for Center of Networks and Resources of Science Academy www.crri.md

Technology stack: PHP, MySQL, Drupal, ApacheServer, HTML, JavaScript.

Languages

English	(Full professional proficiency)
French	(Full professional proficiency)
Romanian	(Native or bilingual proficiency)
Russian	(Native or bilingual proficiency)
German	(Elementary proficiency)

Projects

Smart grid solution

February 2011 to January 2012

Members:Eugeniu Cararus, Orest Volkov, Maricica Cozma, Maxim Tuvrila, Petru Turcanu

Energy management solution

January 2011 to Present

Members:Eugeniu Cararus, Petru Turcanu, Valerii Pirogov, Vitalie Svet

Developing intranet application for flavor company

September 2010 to February 2011

Members:Eugeniu Cararus, Anatol Grosu, Stefanica Alexandru

J2EE technology applied for Intranet application.

Pupil and Courses Management for UTM

May 2008 to Present

Members:Eugeniu Cararus

MISSION DESCRIPTION

JAVA Developer within the “University Pupil Management” project for the development of an application that manages student’s activity, the curriculum and examination processes.

Design of the database.

In charge of carrying out the application’s architecture.

Development of the web application.

SKILLS

HTML, AJAX, PostgreSQL, JSP / Servlets, Struts, PL/SQL, JavaScript, JAVA

Hifab "Centrul Republican de Dezvoltare a Invatamintului Profesional".

November 2010 to Present

Members:Eugeniu Cararus, Rodica Nosko-Green, Nathalie Tranefeldt

Build a website for "Centrul Republican de Dezvoltare a Invatamintului Profesional" in close cooperation with Hifab.

Technology stack: Java, Hibernate, Struts, Css Html, PostgreSQL, Tomcat,

Courses

Master's degree, Computer Science French

Departament

Universitatea Tehnic# a Moldovei

Algorithms and Optimisation

AOP

OOP

Network administration

Web developement

Software Developer

F-Line Technologies

PrimeFace/RichFace

OracleADF

Senior J2EE Developer

Pentalog

jQuery

Struts 2

Bootstrap

Spring/Hibernate

Software Development Engineer

Pentalog
Solr
Clean coders

Senior Software Engineer

Pentalog
Participation in a training for the improvement of Java,
Oracle and Flex technologies.
Java, Oracle, Flex, Hibernate, JUnit and JMS

Senior Software specialist in open source solution.

Pentalog
Lucen
Zookeeper

Independent Coursework

Puppet

Docker

MuleESB

Skills & Expertise

Hibernate

Tomcat

Spring

Maven

Java

SQL

XML

JBoss Application Server

Servlets

Struts

JavaScript

UML

JSP

AJAX

Design Patterns

JUnit
PostgreSQL
Web Applications
JDBC
Apache
jQuery
JPA
NetBeans
SOAP
PL/SQL
JSTL
PowerMock
JSF
Hudson
Databases
CSS
Linux
JBoss
EJB
AOP
Mockito
EasyMock
POI
Spring DI
Spring Webflow
Spring Roo
Axis2
JAXB
JMS
Puppet
Docker
Vagrant
Mule ESB
Web Services
Cascading Style Sheets (CSS)

Education

Universitatea Tehnică a Moldovei

Master's degree, Computer Science French Departament, 2005 - 2009

Activities and Societies: Linux User Group

Transport College from Chisinau

Bachelor's degree, 2002 - 2005

Theoretical Lyceum "Ginta Latina"

Primry, Seconary, 1991 - 2002

Interests

Interested in all Apache Software Foundation projects www.apache.org

Interested in Spring Framework www.springsource.org

Interested in cloud infrastructure projects docker.com, puppetlabs.com, hashicorp.com ...

Interested in google projects and researches.

Publications

Design patterns in images

<https://cararuseugeniu.blogspot.co.uk/p/design-patterns-in-images.html> October 30, 2015

Authors: Eugeniu Cararus

Intention:

Purpose of the article is to describe and remember GOF patterns in a quick way by having a short description and diagram.

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11 people have recommended Eugeniu

"I have worked with Eugen for the development of a web site and I can say that he is a knowledgeable developer with great Java Skills. Eugen is a hard working person, a result oriented programmer and was a valuable team member for our project."

— **Nicolae Vicol**, *Project Manager, Pentalog*, managed Eugeniu at Pentalog

"I have not work with Eugen a very long time, but that was enough for me to understand that Eugen is a very responsible, smart and skilful guy. Also he is a real team player. He always helped me to solve the problems he knew better. I am very glad that i still work with Eugen in a company and that i had the opportunity to work with him in a team."

— **Vadim Vararu**, worked directly with Eugeniu at Pentalog

"I have been on the same project with Eugeniu C# for more than a year, and can surely affirm that he is very much devoted to his work, has an in-depth sight on how things work and is a very good team-player."

— **Laurentiu Lozan**, worked directly with Eugeniu at Pentalog

"I've been working with Eugen for more than one year and during all this time he appeared to me as an intelligent professional person, proving efficiency and productivity in all tasks assigned to him. Eugen is a person who tries to continually improve his skills and achieve higher performance, being always oriented towards delivering quality products and services to the clients. It's nice and interesting to work with him as he has always a positive attitude, being cooperative and responsible."

— **Maricica Cozma**, worked directly with Eugeniu at Pentalog

"Eugeniu is one of the most competent persons I have been working with for last year. His ability to analyze the problems, find solutions, communicate as well as driving projects are examples of his skills and key for successful projects. He has great ability to enter new areas of responsibilities, no matter if it is new technology or new position. It is a pleasure working with Eugeniu and I really appreciate his dedication and team spirit."

— **Anatol Grosu**, worked directly with Eugeniu at Pentalog

"I have worked with Eugeniu at Pentalog for about one and half year and I have only good impressions to share about him. Smart, intelligent, practical and hard-worked, he was a very important part of our team. He is skilled person and dead line oriented, communicative and with a developed sense of responsibility."

— **Maxim Tuvrila**, worked directly with Eugeniu at Pentalog

"I had the opportunity to work with Eugen on a JAVA project. He came across to me as a very dedicated developer, passionate about technology and ready to take on complex projects. He is very knowledgeable and follows closely clients' requirements and deadlines in order to deliver excellent products and services. Eugen is a hard worker and I would not hesitate to recommend him."

— **Roscovan Mariana(CAT certified tester)**, worked directly with Eugeniu at Pentalog

"I have had the pleasure of knowing Eugeniu for the past 2 years working in the same branch. Deadline oriented person. Independent and customer focused strategist. Innovative perfectionist always ready to put all his energy and stamina to get the job done. Has an in-depth understanding of modern IT technologies. Has a lot of deep technical background."

— **Orest Volkov**, worked directly with Eugeniu at Pentalog

"Mr Caraus is a good, results oreinted developper and a pleasant person to work with."

— **Vasile Rotaru**, worked directly with Eugeniu at ICS Mobiteam

"I really enjoyed working with Eugen, he added great value to team by being a hardworking, exceptional and talented engineer. I will definitively recommend Eugen as a key person in the team to every one who is interested in collaborating with him in the future."

— **Petru Virlan**, worked directly with Eugeniu at Center of the Network and Internet Resources of the Science Academy of Moldova

"Diligent, dedicated and motivated, always interested in Java and Web technologies. Cararus has ability to work and lead an informal team environment and brings inside a good disposition. Always open to new experiences and to learn new technologies."

— **Sergiu Zubco**, studied with Eugeniu at Universitatea Tehnic# a Moldovei

[Contact Eugeniu on LinkedIn](#)