Ricardo De la Rosa Rosero - Senior Software Engineer

Mobile Phone: (+57) 313-386-60-28
Address: Calle 108 55-78 Apartamento 302 – Bogotá (Colombia)
E-mail: rdlarosa2@gmail.com

Profile

A highly qualified and experienced Software and Systems Developer with a strong work ethic, and the skills and knowledge to get the job done on time.

Career Summary

- Extensive experience in designing and implementing software-based applications and systems on a large scale;
- Adept at web applications and SOA systems;
- Advanced knowledge of implementing applications using JSE 8, JEE, JSF (Java Server Faces), Spring Core, Spring MVC, Spring REST, Spring Boot, Hibernate (JPA) and J2EE;
- I have experience and knowledge developing microservices using Java 8 Language and Spring Technology.
- Highly skilled in obtaining requirements, software analysis, software design, algorithm analysis, software implementation, unit testing, and maintenance;
- A valued member of SCRUM teams over the past 6 years;

Skill Set

- Java 8
- Spring Core 5
- Spring Boot 5
- Spring REST 5
- JAX-RS Rest-Services
- SOAP Web Services
- git
- JEE
- Scrum Methodology
- JQuery
- javascript
- HTML5
- CSS
- Apache Cordova
- jUnit
- JSP
- SQL
- UML
- Hibernate
- Kotlin
- MongoDB
- Kafka

Languages

- Spanish (Native speaker)
- English (Intermediate B2+)
- French (Basic)

Career History

Epam Systems Colombia S.A.S. , Bogotá, Colombia   March. 2022 – Currently
Software Engineer L2
The customer in this project is a company called UKG (www.ukg.com). I coded fixes of defects in a set of REST microservices of the Dimensions Solution. Dimensions is a solution to manage the human resources of a company. I used Java 8 to code these fixes. The architecture of this system is composed of a set of Microservices. Additionally, this architecture uses an event-driven mechanism implemented with RabbitMQ. In addition, this architecture uses a cache mechanism implemented with Redis. In addition, I coded using SQL Language because Dimensions uses PostgreSQL Database Manager.
In this project, I received an extra-bonus of money for my performance and attitude doing my job.

Kapsch TrafficCom SAS , Bogotá, Colombia   Jun. 2020 – March. 2022
Developer Engineer
Participated in some projects with the Accenorte Concessionary, Rio Magdalena Concessionary and Vinus Concessionary. I worked with Dynac product. Dynac is a system that enables to control and monitor tolls, roadways and tunnels using a set of devices (CCTV cameras, lighting systems, speed control systems, etc). I implemented the integration between Dynac system and the lighting interface. I used Spring Core

and the Spring Template object to do this integration. In addition, I implemented the integration between Dynac and Roadpass to monitor the devices in a toll. In addition, I implemented the integration between Dynac and the SICC system.

Globant , Bogotá, Colombia
Oct. 2017 – Jan. 2019

Semi-senior Advanced Java Developer
- Participated in a project with the Autodesk client. This assignment involved implementing a new requirement to the FormIt Application, which is a windows standalone application. The requirement is about retrieving and storing information about files, folders, projects and hubs in the BIM 360 Docs Cloud. Used C++ as the programming language. These operations were implemented using the CPP Rest mechanism. This assignment was qualified as **achieved** in the feedback registered by the technical leader in the Glow Application.
- Participated in a project with the Southwest Airlines client. Participated in the POD named Cyclops. This POD made the maintenance of the Infor Application of the Southwest Airlines client. The purpose of the Infor Application is to manage the schedules of technical employees (mechanics, ramp agents, appearance agents, etc.), who work at Southwest Airlines.
  Completed maintenance on the Infor Application using Spring MVC Framework, using Java as the programming language. Also implemented test automation using the Katalon Framework. This assignment was qualified as **achieved** in the feedback registered by the technical leader in the Glow Application.

ITAC – IT Applications Consulting S.A., Bogotá, Colombia
Apr. 2016 – Sept. 2017

Senior Software Developer
- The key developer of the team implementing the Finagro mobile application. This application was implemeted on both the Android and iOS operating systems, using Apache Cordova.
- A member of a team implementing a web administrative application called Administrative Trigenio, which configures the information displayed in the mobile applications. This application was developed in PrimeFaces (JSF).
- Designed and implemented a use case that sends the customer an e-mail with a One Time Password to be used to access monetary transactions of a Colombian bank. This application was developed using J2EE (Servlets, JSP Pages, and EJB 2.0 components).

ACI Worldwide Colombia S.A.S., Bogotá, Colombia
Nov. 2014 – Aug. 2015

Software Developer

- Participated in the design, coding, testing and maintenance of a set of transactions related with debt cards, credit cards and PCI standard. These transactions were for an installation of Postilion Realtime version 5.5. The programming language used was Java 4.

Asesoftware S.A.S., Bogotá, Colombia
Feb. 2012 – Oct. 2014

Senior Systems Analyst
- Participated in the implementation of several major subsystems such as data security and address standardization of the project Modernization of Unique Repository of Customers - Phase 1 and 2 (Banco Davivienda) (Stored procedures implemented with Java), using Java Standard Edition and JDBC.
- Participated implementing a proof of concept to define the system's architecture in the project named Modernization of Unique Repository of Customers (Stored procedures implemented with Java).
- Implemented a consultation on the state of inter-bank transfers in the CUD System; the technologies used were JEE 6, JPA 6 and EJB 3.

Intergrupo, Bogotá, Colombia
Nov. 2010 – Jan. 2012

Intermediate Software Developer
- Member of a team implementing an application to audit the therapies applied to patients. This application executed on tablet devices with Windows Phone Operating System. The client was Colmédica. I used the .Net Technology in this project.

- Participated in the implementation of the security modules of an application called Gestión Cobranzas (i.e. "Money Collection Administration"). I used the .Net technology in this project.

Alianza Exámenes Empresariales Ltda., Bogotá, Colombia   Oct. 2008 – Mar. 2010
Java Software Developer
- Participated in the implementation and finalization of a project to construct an application to generate the bills for the customers. I used JSF technology in this project.

Assist Consultores de Sistemas S.A., Bogotá, Colombia   Jan. 2006 – Aug. 2008
Software Developer of BPM Systems
- Participated in the implementation of commercial processes automation for a telecommunications company named Claro (e.g. Comcel), using WebSphere WID and WebSphere Process Server.

Heinsohn Business Technology S.A., Bogotá, Colombia   Nov. 2004 – Dec. 2005
J2EE Software Engineer
- I participated in the design and implementation of the use cases about validating, loading and processing files with operations on affiliates of pension funds. The technology used to implement this project was J2EE. The customer of this project was a colombian company called Asofondos.

Heinsohn Business Technology S.A., Bogotá, Colombia   Jun. 2002 – May. 2003
J2EE Software Engineer
- Participated in the design and implementation of a set of software components that manage the access and security of a web information system. The technology used to implement this project was J2EE. The customer of this project was a colombian company called Asofondos.

Servicios Informáticos Datum, Bogotá, Colombia   Jun. 2002 – May. 2003
J2EE Software Engineer
- Participated in the design and implementation of a system that generates automatically forms to get information from public utilities companies. The programming language used was Java and J2EE technology. The customer of this project was Superintendencia de Servicios Públicos Domiciliarios.

A Toda Hora S.A., Bogotá, Colombia   Aug. 2000 – Jun. 2001
Senior Software Engineer
- Designed and implemented a Business to Consumer (B2C) Mechanism of Payment in a web site of electronic commerce (virtualexito.com site). I used Microsoft COM components and PGP technology (This is an implementation of PKI - Public Key Infrastructure, using the C++ programming language.

Compañía Latinoamericana de Software S.A., Bogotá, Colombia   Feb. 1998 – Jun. 2000
Intermediate Software Engineer
  - A member of the team that designed and implemented the transactional core of some web banking systems for banks located in Colombia, Ecuator and Dominic Republic, using the C++ programming language.

Education
Université Grenoble Alpes, Grenoble, France   Oct. 2003 – Sep. 2004
MSc, Information Systems
Universidad de los Andes, Bogotá, Colombia   Aug. 1996 – Mar. 1998
MSc, Systems and Computation Engineering
Universidad de los Andes, Bogotá, Colombia   Aug. 1990 – Jul. 1995
BS, Systems and Computation Engineering

Certifications
SEI-Certified PSP Developer, PSP and TSP Methodologies (Personal Software Process and Team Software Process). Software Engineering Institute (Carnegie Mellon University). August 2015.

Additional Courses

PSP Advanced, Bogotá, September 2013.

Course about advanced concepts of PSP Methodology ("Personal Software Process") and TSP Methodology ("Team Software Process"). These methodologies were created in the Software Engineering Institute (Carnegie Mellon University). The goal of the methodologies is to calculate metrics to be more accurate to elaborate the schedule of a project and finish its tasks in time. The teacher worked for SEONTI.

PSP Fundamentals, Bogotá, August 2013.

Course about fundamentals of the PSP ("Personal Software Process") Methodology. The teacher worked for SEONTI.

Software Architecture Design, Bogotá, July 2012.

Course about how to design software architectures following a course of Software Engineering Institute (Carnegie Mellon University). The teacher worked for SEONTI.

Course for Obtaining Requirements in the Information Systems Implementation Context, Bogotá, March 2012.

The teacher worked for Asesoftware.