Camilo Francisco Pimienta Rosero
1107082145
Cell number: 3157337295
camilo040494@gmail.com
LinkedIn: Camilo Pimienta Rosero
Github**:** https://github.com/camilo040494

I. PROFESSIONAL PROFILE

Software engineering professional from Universidad ICESI. Passionate for software development and solving problems through technology, automation, best practices and principles, as quality support in development. Advanced knowledge and experience in Java for more than four years. From monolithics application to microservices (Using REST and SOAP in Spring famework) based applications. Experience provisioning Linux servers in a physical cluster as in AWS, with EC2 machines, RDS, S3 and CloudWatch, also some experience working with GCP cloud. Advanced knowledge in versioning tools with Git. Virtualization with Docker and VirtualBox, Vagrant and Ansible. Experience with SQL and noSQL frameworks. BigData knowledge with Hadoop and Spark (mainly in PySpark but some background with Java and Scala), statistics analysis with R. Agile methodologies with SCRUM and KANBAN, CI and CD, and TDD. Team work abilities, communication, self-knowledge, under pressure work and leadership.

II. Education

College: Universidad Icesi – Software engineering.
Master: Universidad Icesi – Maestría en informática y telecomunicaciones Modalidad de investigación. Average 4,4.
Specialist: Universidad Antonio Nariño – Especialista en ingeniería de software.
Researches and publications:
Degree project at college "Analizador de datos de contexto para una infraestructura de auto-adaptación".
Master thesis: "REAL Un lenguaje basado en eventos para monitoreo de sistemas distribuidos", laude thesis.
Article: "REAL-T: Time Modularization in Reactive Distributed Applications".
https://link.springer.com/chapter/10.1007%2F978-3-319-98998-3_9
Repository: "REAL" https://github.com/unicesi/eketal
Degree project at specialization "Sistema de gestión de datos sobre ocurrencias delictivas en la ciudad de Bogotá".

Languages: Universidad Icesi – English
               Universidad Icesi – Basic French
Software knowledge:
- **Databases**: MySQL, PostgreSQL, MariaDB, Oracle server, Amazon RDS, Redis, MongoDB and HDFS
- **Programming languages**: Java, R, C#, .NET, PHP, BASH, HTML5, Python, SQL, Ruby, C.

- **Operation systems:** Linux (Centos, RHEL, Fedora, Ubuntu, lubuntu, KaliLinux, Amazon Linux AMI), Mac, Windows 10 (powershell).
- **Virtualization:** Docker and VirtualBox.
- **Provisioning virtual machines:** Vagrant and Ansible (for cloud provisioning in EC2 instances), as Swarm for containers.
- **Application servers:** Spring framework, Glassfish, Apache server, JBoss.
- **Distributed frameworks:** Hadoop, Spark, HTCondor, Apache Kafka.
- **Queues frameworks:** RabbitMQ, AciveMQ, Amazon SQS.
- **Versioning**: Git y Subversion.
- **CI - CD**: Jenkins, Bamboo.
- **Dependency management**: Maven
- **Software management**: Jira

III. Work and research experience

1. ***Universidad ICESI – Research assistant (Junio - 2016- Junio - 2018)***
Software development mainly in Java integrated with third party technologies. With main responsibilities of software reengineering, developing from JEE technology to WebServices.
Provisioning Linux servers in clusters, from physical to cloud environments using EC2 instances. Documentation in articles for the life cycle development.
Main software was REAL, which is a distributed oriented middleware for BigData management. Part of this Project was to integrate along with Hadoop framework. Language proposed this software was event oriented, development was using Xtext which compiled to Java code. Also, this Project uses temporal logic as lineal temporal logic. Results were developed in R for creating statistics analysis and visualization.

2. ***Globant – Java Developer (August 2018-April 2019)***
Implementation, support and maintenance for Microservices using REST protocol. Main development was using Spring framework using as database motor Postgres. Roles were from bug support to development, for life cycle was used Scrum with KANBAN and using Jira as the tasks management software. Good development practices as pair programming and TDD were used; also, tools as SonarQube for static analysis. Big contribution in a digital sign module used by several other channels at the inside of the organization.

3. ***Cyan security – Software Developer (April-2019-Octuber 2020)***
Development and support for MVNO platforms, with a role of lead in one of the teams of the company. Enhancing and improving commons operations for developments. Sharing knowledge and verifying, through the user of pair programming, developments of the team, analyzing requirements with a closer touch with the client needs. Providing technical interviews to new developers

4. ***PSL part of perficient – Java Developer (Octuber 2020 - present)***
Developing new software using the latest version of Java 11 in a health care company with international clients and team members. Providing security for Spring authentication in microservices and REST services.

IV. DATOS DE INTERÉS

Relevant work during the education:
In college – "Sistema de gestión de convocatoria de proyectos de investigación" – VIII semester.
At the master in software quality – Quality support over PrestaShop, using metrics described in ISO 25000 -- II semester
At the Master in distributed systems – pseudo cluster configuration in embedded systems (rasperry pi) using HTCondor as the framework and C as the programming language, this was achieved by using Docker.

Camilo Francisco Pimienta Rosero
C.C. 1107082145 de Cali