Gilberto Santos

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More than a decade of experience as full-stack software development and Java JCP Member

SUMMARY

Software Architect | Team Lead | Java Coach | Big Data Developer.
Stamp 4, Bilingual, certified developer, more than 10-15 years of experience, constantly learning new things. I started my career as Web design for 3 years, transitioned to Java since then. Learned Android and Angular 2+ on both for the next 2. Taught myself CI/CD Jenkins, Maven, Gradle, Docker, Kafka and GCP which led me to be a Cloud Architect. Later I had an idea for a product and taught myself Big Data to round out my stack. Now I'm learning A.I using Java and Python.

Also a team leader in the agile environment. Focused on software architecture, model-driven development, clean code programming and cloud and service-oriented architectures. Able to work with many programming languages and platforms, although with a proficient with Java. I do also play with Scala, Python and HTML, Javascript.
An enthusiastic to using Test Driven Development observing the maintenance capability and semantic of coding. Personal passion for mentoring developers and collaborate with communities working with Java. Coach Java during years in evenings courses and private classes.

08/2017 – 03/2020	**App Tech Lead Engineer at CitiBank** *Dublin,* https://www.citigroup.com/citi/

Got a promotion as a Vice President, then I've undertaken the challenge to lead the development team with 10 developers to maintain 3 of the biggest project of the eSuites (Account Services) that belongs to CitiBank. eDocs, eSigner and eSearch.

Achievements: These are the decade years old projects which had a huge quality issue, no standards as well not part of a full Continuous Integration environment. I alone moved these projects to a new C.I then applied quality standards to the code. I also leading any design thru the code by applying the Code Review for each dev' Git Pull Request. This approach has increased at least 50% of the quality of our products by reducing the cost of maintainability of the eSuites products, therefore, gain business value. Afterwards, I also lead the design of the Big Data and Machine Learning project by using Natural Process Language (NPL) and Optical Character Recognition(OCR) based on Java which helps the eSuites projects to recognize any scanned signatures (PDF) thru Citibank NFS' repositories. In the meantime, I also contributed with the mindset change to a new agile environment and finally, I enjoy mentoring all the lower-level developers with 1:1 meeting, online meetings, writing or recording a video tutorial.

Technologies used: Java, Spring-framework (core, boot, batch, mvc), Hadoop ecosystem, HDFS, Apache Spark, Cloudera, Impala, Kafka, NoSql, Oracle DB, Restful Web Services, Maven, Gradle, Jenkins, Sonar, CheckStyle, Clean-Code, IntelliJ, Eclipse, JUnit, JIRA, uDeploy,

TeamCity, Docker, Git BitBucket, Google Cloud.

08/2017 – 10/2018   **Senior Software Engineer at CitiBank** *Dublin,* https://www.citigroup.com/citi/
Joined in CitiBank on the data on-demand as an Assistant Vice President with a specific role as Technical team lead and Java big data analyst. I'm the author of the layer of transformation into software that's able to collect from any source a huge of data, transform them, and injected into the data lake based on the schedule. Also leading the team over 22 developers worldwide (Pune, Dublin, Shanghai, New York). Supporting them in their productivity, to remove technical blocks, functional tests, DevOps.

Achievements: Created the transformation layer which is the framework that is able to recognize metadata configuration into JSON files, uses it to create schedules to read, transform and inject the data that has to be transformed by rules pre-defined as java class loaded on demand and finally written into HDFS. Moved the entire legacy code from Maven to Gradle as part of DevOps goal and automated pipelines to release a tagged version of the software. I'm leading the quality of code, supporting the team with code reviews, mentoring, presentations, 1 - 1's, performance reviews and interview candidates from a technical perspective.

12/2015 – 02/06/2017   **Software Engineer at IBM** *Dublin,* http://www.ibm.com
Joined in Watson health team an innovative and technically challenging project team by using Java. I am responsible for analysed and translate business requirements into high-quality technical solutions by using advanced programming, testing, and delivery.
Involved in the complete software development life cycle in the agile environment, which includes; requirements analysis, design, allocated project tasks, with the unitary test to ensure our quality and on time, actively participate in project teams, work independently within a team environment whilst aligning day-to-day activities reaching our project goals. Continuously develop my personal and professional skills and knowledge in order to better help the IBM team to improve its services on solving issues

Achievements: Provided user requirements analysis, design and java programming support for enhancement the Web application accessed by 5 million users worldwide.

Technologies used: Java, EJB, Node.js, Selenium, Restful Web Services, H2 database, Gradle, Jenkins, Sonar, CheckStyle, Clean-Code, Eclipse, RSA, JUnit, RTC.

8/2013 – 4/2014   **Senior JEE Consultant at Montreal IT - Contract**, *Brasilia, Brazil*, www.montreal.com.br
Supported the teams of the maintenance of a legacy software – that works with laws within a government environment. Created new solutions to improve their performance also introduce unitary tests improving the maintenance capability observing design patterns to be reusable and the semantic coding

Achievements: Created and managed to stand up meeting with the team to teach them how to enhance the coding with short courses and presentations showing them new features of technologies in JEE, Agile and the best practices. Helped to create a short process in their agile environment called knowledge management, where anyone inside could learning and teaching anything that happens during a Sprint. Once a week the team of development meets me to do the code review process where each one can to suggest new ideas or good practices that can be driving them to excellence.

Technologies used: JEE 5, JSF, JQuery, EJB3, Hibernate(JPA), JAX-RS, JSON, DB Oracle,

JBoss, Tomcat, Git, Maven, Jenkins, Linux environment, agile environment, SCRUM, TDD, Junit, TestNG Eclipse, JIRA, UML

3/2013 – 8/2013 **Senior Team Lead Architect JEE at Cast IT - Contract**, *Brasilia - Brazil,* www.cast.com.br. Supported the team of 12 people, levels between junior and senior, with the technologies used. Designed internal training to guarantee their products, driving everyone to excellence. Usually used a half-day to developing new features and improving legacy.

Achievements: Ensured improvements such as high-performance Hibernate(JPA) against the database. There is an agile environment that works together with continuous integration.

Technologies used: JEE 6, JSF2, CDI, JQuery, EJB, Hibernate(JPA), RESTful Services, JSON, DB Oracle, Maven, Tomcat, JIRA. Linux, TDD, JUnit, TestNG, Jenkins, Sonar, Eclipse, UML.

3/2012-2/2013 **Senior JEE Developer at Sapientia IT**, *Brasilia - Brazil,* http://www.sapientia.org.br/. I worked there with R&D, was a key player of the team; including customer interaction telling them the reason why to use Java. I have designed the architecture of software by using Java EE, JSF (Front-End) and Spring (Back-End) that works with a unitary test in a TDD environment also management and configuration of continuous integration.

Technologies used: JEE 6, Spring Core, Spring Security, Spring MVC, JSF2, CDI, JQuery, EJB, Hibernate(JPA), JUnit, TestNG, Maven, SVN, RESTful Web Services.

8/2009 - 1/2012 **Senior Java Developer at Indra Politec,** *Goiania - Brazil,* http://www.indracompany.com Created software by using Google Map API to connecting a dashboard made by Adobe Flex, showing the critical region on cities that needed to fix something such: streets, bridges. Developed it with Adobe Flex and Java, JSF. Environment CMMI 3.

Technologies used: Adobe Flex 3, JSF1, JSP, Tomcat, JBoss, Maven, ANT, SVN

01/2005 - 06/2009 **Senior PHP Full-stack Software engineer.** *Goiania - Brazil, http://www.go.senac.br/* Advanced experience in PHP/Java and PostgreSQL, relational databases. It's essential to working with an educational system based on PHP due to the number of users, also Java by building a CMS.

PUBLICATIONS (are written in Portuguese)

2 **Walking by web path**, Gilberto Santos. FECOMERCIO-go, 3/2006
Research about how companies can use network features to increase their business.
Building rich web applications with Java and Flex, Gilberto Santos.
1 Mundo Java, 2/2009
Research about how we can be connecting java and adobe flex framework by using BlazeDS.

EDUCATION

1/2008- 1/2010 **Degree in Software Development in I. T, (NFQ Level 8)** *PUC GO, College, Brazil*

1/2012-1/2013 **MBA Service Oriented Architecture in I.T, (NFQ Level 9)** *UNIEURO, Brazil.*

5/2014 – 9/2014 **English Business in Language,** *SEDA, College, Dublin.*

08/2016 - in progress **Certified in Data Science ,** Data Science Academy, College

CERTIFICATIONS

Oracle Certified Expert, Java EE 6 Web Component Developer
Oracle Certified Java 6 Programmer

VOLUNTEER

Musician, *helping in a Portuguese mass in Ireland,* Church St Mary of the angels
Coaching, *helping professional foreign to be a success in a job interview,* SEDA College.

RECOMMENDATIONS

Alan Bothwell, *Professional Irish Reference.*

Gilberto worked in Suntico(http://www.suntico.com) as a developer and is a highly skilled programmer. In the short time, he worked with us he was able to master a complex task and turn around results quickly and efficiently. He is a self-starter and is someone who naturally assumes leadership and ownership.