

Gilberto Santos

www.gilbertosantos.com

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

SUMMARY

Software Architect | Team Lead | Java Coaching | Big Data Developer.

Bilingual, certified developer and solution architect. Currently, I am fascinated by Architecture of Big Data, Machine Learning in pairs with Apache Hadoop ecosystem. Experience across a full range of components to design and build enterprise solutions for Near Real Time data ingestion, scalable storage, operational reporting and in-depth analysis.

Also a full stack developer and a team leader in the agile environment. Focused on software architecture, model-driven development, clean code programming and cloud and service oriented architectures. With more than seven years experience in developing software in areas such as government, financial and education. With more than a decade of experience programming, currently acting as a senior software developer and coaching in Ireland. Able to work with many programming languages and platforms, although with a proficient with Java(J2EE), Javascript (Angular.js), PHP, Python. An enthusiastic to using Test Driven Development observing the maintenance capability and semantic of coding..

Personal passion for mentoring developers and communities that working with Java. Taught Java during years in evenings courses and private classes.

POSITIONS

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 to 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 on 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 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 stand up meeting with team to teach them how to enhance 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 productivity, 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 database. There is an agile environment that works together of 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 Sapiaentia IT**, *Brasilia - Brazil*, <http://www.sapiaentia.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 a 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 the number of users, also Java by building a CMS.

PUBLICATIONS (are made in portuguese)

- 2 Walking by web path**, Gilberto Santos. FECOMERCIO-go, 3/2006
A research about how companies can use network features to increase their business.
- 1 Building rich web applications with Java and Flex**, Gilberto Santos.
Mundo Java, 2/2009
A 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**
- Oracle Certified Master Java Enterprise Architect Java EE 7 (in progressing)**

VOLUNTEER

- Musician**, *helping in a Portuguese mass in Ireland, Church St Mary of the angels*
- Coaching**, *helping professional foreign to be a successful 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.

SKILLS

Leadership Key Developer, managing people, effective planning and decision-making, take solutions and improvements and immediately apply them to the workplace, coach team, training team, sharing and comparing experiences and knowledge.

Technologies **Java**, Servlet, **Design Patterns**, **JSF**, Struts, **JPA**, EJB3, **Hibernate**, **Hadoop**, Impala, Hive, HDFS. JAX-RS and Spring **RESTful** Web Services, Testing Web Services, Jasper Reports, ANT, **Maven**, Jenkins, Continuous Integration, Linux environment, Selenium, **TDD**, Mockito, **JUnit**, **Android**, SVN, **GitHub**, Eclipse, PHP, Front-End, **Angular JS**, JQuery, ActionScript, HTML5, CSS3, **Spring** Core, Spring Security, **Postgre SQL**, MySQL, NoSql, **MongoDB**, Oracle, MsSQL Server.