

# JULIO VIEGAS

SAP Hybris & Java Expert

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I have been working for the past 15+ years in software development industry, most of the time using free and open source solutions for the enterprise, web, internet and embedded/IoT markets.

Right now I'm working for SAP CX (Hybris) America, enabling customers, partners and coworkers to get capable to implement and deliver our cloud offerings using SAP Customer Data and Commerce Clouds, Backoffice and Microservices using YaaS. I hold all SAP Customer Data and Commerce Clouds certifications.

In the past I've earned most of the official Java certifications and I was a Sun Microsystems certified Java trainer for a couple of years. I participated in some local software conferences (FISL, TDC, JavaOne) as speaker and helping other developers through Java user groups mail lists and events.

I also have skills in digital and analog electronics development, mainly with Intel/Atmel 8051 and Renesas M16C MCU families. I developed software and electronics for the gambling world such as bingo and slot machine control systems (SAS software).

I have expertise as full-stack developer working with web and internet/cloud IaaS/PaaS systems. I performed several roles during product development life-cycle as technical leader; trainer; mentor and guidance; technology advisor; functional analyst; software architect, OO/functional designer and developer; functional/non-functional and unit tester; Microservices; Unix based on-premise/cloud systems devops; delivery manager, production roll-out and support; systems integration; performance/scalability/crash tester and report. Most of the time I used open source Java platforms/frameworks/libraries and agile (Scrum/XP) approaches.

I consider myself a fast paced self-learning person, easy to work with, technology passionate and committed to deliver high-value business solutions.

## WORKING EXPERIENCE

### Education Senior Consultant @ SAP America

*April 15, 2016 - Present | Chicago, IL, USA*

- Training delivery on software development of cloud product based enterprise systems, both on functional and technical aspects, all over the Americas.
- Researching and creating technical education content e.g. slides, instructions, demos & hands-on labs/PoC software code (using Java programming language, Spring Framework, Java Enterprise Edition platform, ORM and SQL data technologies), certification exam questions for new teaching product offerings.
- Working mainly with Customer Data, Commerce, Backoffice and YaaS (rest microservices using XML and JSON data technologies) cloud teams.
- Upskilling new training courses on PCM (Product Content Management) and Commerce Software Development to workmates, customers and partners.
- Support for direct customer/partner pre-sales and channels in order to identify and define learning opportunities.

### Technical Trainer @ SAP Hybris Software Brasil

*November 3, 2014 - April 14, 2016 | Sao Paulo, SP, Brazil*

- Training delivery on software development and functional courses, creating capacity and enablement for our omni-channel systems to the LATAM colleagues, partners, and customers, using Java programming language and Spring Framework foundations of our PCM (Product Content Management) and its Commerce software development interfaces, touchpoints, implementations, customizations and integrations to backend systems through data technologies such as FlexibleSearch (SQL and ORM) and rest based webservices & microservices using XML and JSON formats.
- Research and creation of technical education content such as books, tutorials, demos, exercises based on Out-of-Box functionality of our commerce systems.
- Technical interviewer and speaker in various in-company events.

### Software & Systems Architect @ Summa Technologies

*March 1, 2011 - November 2, 2014 | Sao Paulo, Brazil*

- Full-stack software developer programming for a Java & Java Enterprise Edition using ORM & SQL based backend systems, also connected to the COBOL system inside Central Bank of Brazil that scales to big data sizes.

- Software architect and sysop guidance for SERASA Experian ALM, SCM and QA best practices and test/build automation using Selenium, JUnit, Maven, Nexus, Sonar, Jenkins. Also developed Proof-of-Concept and Maven Archetypes for WebServices with Tango/WSIT WSS and custom certificate authentication. I designed and coded a number of Spring Framework based solutions for Enterprise Web, Integration and Batch scenarios. I have developed a custom/easy-to-use fast data transfer library between Java EE and SERASA's proprietary Mainframe connector with COBOL backend.
- Technical interviewer and speaker in various in-company events.
- Senior Software Engineer for FareCompare, I defined, designed and implemented an AngularJS+Spring MVC portal that worked as administrative customer console for fare promotional campaigns. Also I helped my team to properly configure Hadoop & Avro serialization to deal with processing of big data jobs. I worked as integration specialist implementing several B2B REST/SOAP/Custom API clients using XML & JSON formats to some of the biggest available global air ticket fare & booking sources.

### Part-time Java Instructor @ Globalcode

*April 1, 2009 – November 1, 2012 | Sao Paulo, Brazil*

- Instructor for Java based class offerings (JSE, JEE, related technologies).  
Speaker on various Globalcode promoted events and short classes.

### Software/Systems Architect/Engineer and Tech Leader @ SPC Brazil

*March 1, 2008 – July 1, 2010 | Sao Paulo, Brazil*

- My team ported an existing credit score system from PL/SQL to Java/JEE technology using only free open source software. It took 9 months from conception to delivery. I defined and set up a Linux-based development environment using GIT, Maven, Nexus, Hudson, Sonar and a production environment using Linux servers, haproxy, Jetty, nginx, memcached and some scripts to automate the deployment procedures. I constantly did non-functional requirement tests with JMeter, jconsole, jps, jstat, jinfo, jstack, VisualVM. I helped the team to point and solve performance bottlenecks over the entire system. Some of the key technologies used as foundation for this project: Hibernate 3.2, Spring 2.5, Spring Security, Spring MVC, Prototype, SiteMesh, JSF2.0, EhCache, JMX, Spring Test + TestNG, OpenMQ, PostgreSQL. The team used SCRUM/XP and Redmine to keep the project on track.

### Part-time Sun Microsystems Certified Java Instructor @ Fontoura Education

*January 1, 2008 – April 1, 2009 | Porto Alegre, Brasil*

- Lecturing Official Sun Microsystems Java courses, as OO-226, SL-110, SL-275, SL-285 and so on. Software engineer consulting, mentoring and support services.

### Partner and Software Engineer Expert @ WareIT Information Technologies

*September 1, 2004 – December 1, 2007 | Porto Alegre, Brasil*

- Trainer, developer, mentor and supporter/consultant, working mainly with Java/JEE and OO related technologies. My company provided specialized software development services and consultancy to a wide range of customers.

### Software Engineer @ UNISINOS University

*September 1, 2002 – December 1, 2004 | Sao Leopoldo, Brasil*

- Developing AVA, a virtual learning environment. The tools are basically comprised of Eclipse, Java/JEE, Tomcat, PostgreSQL and CVS. Developing Peoplesoft 8 ERP customizations and multiplying my Peoplesoft tools knowledge over team staff. Training and mentoring IT members in web technologies with Java/JEE;

### Part-time Trainer, Consultant and Software Engineer @ TargetTrust Training

*October 1, 2001 – December 1, 2004 | Porto Alegre, Brasil*

- Trainer in a variety of Java/JEE, free databases(mysql, postgres) and web technologies(Javascript, HTML). Course material(book, slides, lab files & setup) author for Javascript/HTML, EJB, Java/JEE courses. Developed a small internal mailing with some CRM capabilities and site course scheduling system. Software development consulting services.

### CERTIFICATIONS

**SAP Commerce Cloud 1811 Support Specialist** - May 2020

**SAP Commerce Cloud 1905 Developer** - May 2020

**SAP Customer Data Cloud 2020 Developer** - May 2020

**SAP Commerce Cloud 1811 Developer** - Aug 2019

**SAP Commerce Cloud Business User** - Feb 2019

**SAP Customer Data Cloud 2018 Developer** - Nov 2018

**SAP GDPR Compliance** - Nov 2018

**SAP Commerce Cloud 6.7 Developer** - Oct 2018

**SAP Hybris Commerce 6.3 Business Analyst** - Dec 2017

**SAP Hybris Commerce 6.2 Developer** - Nov 2017

**SAP Hybris Commerce 6.0 Developer** - Dec 2016

**SAP Hybris Commerce 6.0 Business Analyst** - Dec 2016

**SAP Hybris Commerce 6.0 Product Support** - Dec 2016

**hybris Commerce V5** - Sep 2015

**hybris Core Platform V5** - Apr 2015

**hybris Business Analyst V5** - Sep 2015

**hybris Product Support V5** - Sep 2015

**Functional Programming Principles in Scala**  
by Coursera - May 2013

**SCDJWS 5 - Sun Certified Developer for Java Web Services 5**  
by Sun Microsystems - Nov 2008

**Train The Trainer(T3) - Sun Microsystems Java Trainers Course**  
by Sun Microsystems - Dec 2007

**SCEA 5 - Sun Certified Enterprise Architect for JEE 5**  
by Sun Microsystems - Dec 2007

**SCDJWS 1.4 - Sun Certified Developer for Java Web Services**  
by Sun Microsystems - Jun 2007

**SCBCD 5 - Sun Certified Business Component Developer for JEE 5**  
by Sun Microsystems - Jan 2007

**SCWCD 1.4 - Sun Certified Web Component Developer for J2EE 1.4**  
by Sun Microsystems - Jun 2006

**SCJP 5 - Sun Certified Java Programmer for Java 1.5**  
by Sun Microsystems - Oct 2005

**SCJA - Sun Certified Java Associate by Sun Microsystems**  
Sep 2005

**SCEA - Sun Certified Enterprise Architect for J2EE**  
by Sun Microsystems - May 2005

**Renesas Workshop on M16C MCU Family**  
by Renesas - Aug 2007

**PeopleSoft ERP: PeopleTools I & II, Query Basic/Adv, PeopleCode, Integration, SQR, NVision** by PeopleSoft  
Oct 2003

### EDUCATION

B.Sc., Computer Science @ **Universidade do Sul de Santa Catarina**  
*January 2005 – December 2007 | Florianopolis, Brasil*

Creation of a IoC container from scratch, with proxies and AOP capabilities.

I've done research in media transformation and automation services via web, including image manipulation, movie and audio re-encoding, filters and other kinds of media transformation. The result is a spec paper called "HotMidia - an online web system for media transformation and automation" and proof of concept application which implements main HotMidia features.

### LANGUAGES

I read, write, listen and speak with an excelent level, the following languages:

- **English**  
IELTS Overall 7.0 (out of 9.0)
- **Spanish**
- **Portuguese**