Hyalen Moreira

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TECHNICAL SKILLS

- **Proficient in**: Java/Spring; **Familiar with**: SQL, Hibernate, Angular, React, Groovy, JavaScript, AWS;
- **Architecture/Standards:** JEE, Microservices, JAX-RS, JAX-WS, Design Patterns, OOP;
- **Test Tools:** JUnit, Spock, Selenium, Jasmine, SOAP UI; **Data Interchange**: JSON, XML;
- **Paradigms:** Agile, SCRUM/XP, TDD, CI/CD; **Database**: Oracle, MySQL, PostgreSQL, SQL Server;
- **Interest:** Algorithms, Scala and Big Data technologies like Hadoop, MapReduce and Spark;
- **Others:** Gradle, Maven, Vagrant, Virtualbox, Git, Perforce, Stash, Bamboo, Jenkins, Nexus, Tomcat, Jersey, jQuery, HTML5, CSS3, Bootstrap, SAP PI/PO, Linux/UNIX, JSP, Servlet, EJB 3.

PROFESSIONAL EXPERIENCE

cFive – *as Software Engineer*   *Laguna Hills CA, Jun/2018 – Current*

- **Spring Security SAML, Spring Boot, Java** - Developed a security model (through **Microservice Architecture**) to allow access to the LA County main system using **Microsoft AAD/MIM**. The system is accessed by government departments as FBI, Police Department, among others. This project is a implementation of a **SAML 2.0** Service Provider, completely built on **Spring Framework**. A web solution devised for Federated Authentication by integrating **Spring Boot** and **Spring Security SAML**. The configuration has been completely defined using **Java** annotations (no XML);
- **Full Stack Developer** (Java, Jersey, JPA, AngularJS, JavaScript, Bootstrap, HTML and CSS).

Flag IntelliWan – *as Software Engineer*   *Los Angeles CA, Feb/2018 – Aug/2018*

- **Java, Spring Boot, Spring Security, Spring Cloud, RESTful** and **SOAP web service –** Worked in a Java web systems backend development in an **Agile** environment for a middleware system responsible for business integration with Brazilian government (https://github.com/hyalen-moreira/hcode).

Conversant *– as Software Engineer*   *Los Angeles CA, Jun/2017 – Jan/2018*

- **Java, Spring Boot, RESTful** and **Hibernate** – Write code in an **Agile** environment for an online Ad Network company's **Java** API. Add server-side support for new SaaS UI features, address bug tickets in legacy system with focus on **TDD** and delivered quality projects that have been well-received;
- **Spring Cloud** – Implemented from scratch a central config server where all configurable parameters of applications are written version controlled. The benefit of a central config server is that if we change a property for an app, it can reflect that on the fly without redeploying the app. The solution maintains all properties of all environments (development, staging and production), and if any properties are changed, it will pick up the changes and reflect them without an application rebuild or restart;
- **Hazelcast** and **Spring AOP** – Implemented a distributed cache to lock correlated services being treated at the same time among diferent servers;
- Our tests are done in **Groovy** with **Spock**, but eventually I added the use of an in-memory **H2** database for testing models rapidly and without need for a network connection as we would require with integration tests; Other responsibilities include **Managing Releases**, improving release methods/tools and maintaining an old **Java** based project that keeps data synchronized between our local database and an external data store.

B2W Digital */ LASA, Lojas Americanas SA – as Software Engineer*   *Jun/2014 – Apr/2017*

- Developed a monitor dashboard based on **Java, Spring Boot, Angular**, **Bootstrap**, and **Hibernate** that provides a single pane of glass to visualize the overall integration process among systems, status of communication workflow, data validation and recovery error through message forwarding. The dashboard provides **REST** and **SOAP** APIs and allows integration with 3rd party systems. By developing the monitor I was able to reduce the time spent on quality assurance, decreased product defects and increase the operation reliability by improving the overall product quality;
- Designed a new data model that reduces in 40% the time of performing some **DB** operations;
- Designed and developed a batch model that reduced considerably the number of HTTP connections;
- Re-architected a complex data treatment, partially performing the parsing operations in memory instead of in the disk. By doing this I was able to reduce drastically the overhead parsing the **XML** (which used to be a big issue, due to the amount of data and servers that should be updated);

- Designed and developed an integration scenario to send data to a complex distributed system. This integration scenario, based on *Java* ScheduledExecutor, **SAP IDOC**, **SSH** and **Linux Rsync** tool, allows updates more than 1000 retail stores in 30% of the time spent previously.

B2W Digital / americanas.com – *as Software Engineer*   *Jan/2013 – May/2014*

- Worked in a *Java* web systems **Back-End** development and performance tuning for the biggest **e-commerce** company in South America, using **Scrum** as **Agile** methodology, building and maintaining **RESTful** web services, time measurement and code review to identify issues and suggest improvements, developing new services, building tests using **JUnit**, **Mockito** and **Selenium** to improve the overall code quality and using *Jira* as *Agile* tool;
- I had also been part of a **Back-End** integration team for the **e-commerce** systems in a high-availability environment, using different technologies such as **EJB, Servlet, JSP, SOAP, REST, SFTP** and **Proxy**.

Infosys / British Petroleum / Devon Energy – *as Software Engineer*   *Mar/2011 – Dec/2012*

- Created integration services for external systems and information sources (Java, Spring and Hibernate);
- Responsible for risk assessment, database modeling, requirement analysis and configuration management to ensure successful launch of a complex application server upgrade;
- Part of a Global IT team that worked on the migration of the software's from Devon Energy to British Petroleum.

Ci&T – *as Software Engineer*   *Apr/2009 – Feb/2011*

- Setup a System Integration for a Logistic and Transportation System using JAX-WS Web services;
- Developed a Training Management System (JEE/Web Platform) using the Struts Framework.

Infosys / Syngenta – *as Integration Architect and Software Engineer*   *Feb/2008 – Mar/2009*

- System integration architect responsible for leading a portfolio analysis as part of Enterprise Architecture (EA) team to support a business transformation program for Latin America operation of a global agricultural company (10+ USD Billion);
- Responsible for analyzing the existing several SAP instances and 300+ satellite non SAP applications/systems across Latin regions and proposed the tailored TO-BE Enterprise Architecture landscape, which replaced obsolete applications/systems by utilizing the latest SAP solution/technologies, supports hyper growth agricultural business market in the following 5 years.

Other Professional Experiences:

- **ArcelorMittal Sistemas** – *as Java Software Engineer* **(**2005 – 2007);
- **Vetta Technologies** – *as Java Software Engineer, Brazil (2003 – 2004);*
- **Accenture** – *as Integration Architect and Java Software Engineer*, Brazil (2000 – 2003);
- **BHTI** – *as Delphi Developer / System's Analyst, Brazil* (1997, 2000);
- **Telecash** – *as C Developer / System's Analyst, Brazil (May/1992 – December/1996);*
- Official **SAP NetWeaver** Instructor (focus Java);
- **Coordinator** of the **Java Users Group** – BH/MG, Brazil (2000-2003);
- **Editor** of the **Java Magazine** writing about J2ME (2002);
- **Instructor** and **Coordinator** of Java/J2EE courses for the users group of BH/MG, Brazil (2000-2005).

CERTIFICATES

- [React (by Udacity), San Francisco CA - 2017](#);
- SAP Certified Development Consultant SAP NetWeaver (focus Java);
- Sun Certified Java Programmer; Sun Certified Web Component Developer;
- Sun Certified Enterprise Architect for J2EE Technology (Part I).

ACADEMIC QUALIFICATIONS

- **Course**: Software Engineering – **University**: Universidade Federal de Minas Gerais – *Brazil, 2007*;
- **Course**: Technology in Data Processing – **University**: Centro Universitário UNA – *Brazil, 2000*.

LANGUAGES

- **Portuguese** – Native language; **English** and **Spanish** – Professional working proficiency.