

Hyalen Moreira

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TECHNICAL SKILLS

- **Proficient in:** Java; **Familiar with:** AWS, SQL, Spring, Hibernate, React, Groovy, JavaScript;
- **Architecture/Standards:** JEE, JAX-RS, JAX-WS, Design Patterns, OO design;
- **Test Tools:** JUnit, Spock, Selenium, Jasmine, SOAP UI; **Data Interchange:** JSON, XML;
- **Paradigms:** Agile, SCRUM/XP, TDD, CI/CD; **DB:** Oracle, MySQL, PostgreSQL, SQL Server;
- **Others:** Gradle, Maven, Ant, Vagrant, Virtualbox, git, perforce, Bamboo, Jenkins, Nexus, Docker, Tomcat, Jersey, jQuery, HTML5, CSS3, Bootstrap, SAP Process Integration/Process Orchestration.

PROFESSIONAL EXPERIENCE

Conversant – as Software Engineer

Los Angeles CA, Jun/2017 – Current

For more than 15 years, Conversant has been transforming the way that brands reach and talk to consumers, to drive meaningful relationships at incredible scale. Their proprietary tools and systems handle millions of bid requests and transactions that drive billions of dollars in incremental revenue. They store data in petabytes, and they make bid decisions in milliseconds.

- **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** (distributed cache) and **AOP** (Aspect Oriented Programming) – Implemented a distributed cache to lock correlated services being treated at the same time among different servers;
- **Spring Boot** 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 ETL system with a focus on **TDD** and delivered quality projects that have been well-received;
- 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. I designed the scripts used to examine the current state of the **Oracle** datastore to output schema/data files used to initialize H2. This allowed for easy maintenance of H2 whenever database changes were made and released to production;
- 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 Full-Stack Software Engineer

Jun/2014 – Apr/2017

Leader in Latin America, B2W Digital has a unique, multi-channel, multi-brand and multi-business model. The Company operates on the following fronts: platforms of consumer credit services, with Submarino Finance and Digital Finance; technology platform; platform of logistics, distribution and customer service; e-commerce in the brands americanas.com, submarino.com, Shoptime and Sou Barato.

- Developed a monitor dashboard based on **React**, **Bootstrap**, **Spring Boot** 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 50% 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.

- 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 **SOAP**, **REST**, **SFTP** and **Proxy**.

Infosys / British Petroleum / Devon Energy – as Software Engineer

Mar/2011 – Dec/2012

A global leader in technology services & consulting, helps clients in many countries to create & execute digital transformation strategies

- 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

A 2000 person software company specialized in web and mobile application and software product engineering, based in Brazil, Argentina, China and Europe

- 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

A global leader in technology services & consulting, helps clients in many countries to create & execute digital transformation strategies

- 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);
- 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

- AWS Certified Solutions Architect (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

- **Nanodegree:** React (Fundamentals, Redux and Native) – 2017
Company: Udacity – San Francisco, CA;
- **Course:** Software Engineering – 2007
University: UFMG, Universidade Federal de Minas Gerais – Brazil;
- **Course:** Technology in Data Processing – 2000
University: Centro Universitário de Ciências Gerenciais (University of Scientific Management) – Brazil.

LANGUAGES

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