

Hildeberto Mendonca, Senior Software Engineer

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Highlight of Qualifications

- Over 16 years of experience on the Java platform
- Over 3 years of experience on the Python platform
- Over 5 years as a technical team lead
- Over 9 years of experience designing scalable business web applications
- Presented at several international conferences such as Devvix and Fosdem
- Fluent English, French, and Portuguese

Recent Professional Experience

Compliant IA, Canada

Oct 2019 – Now

Senior Software Engineer

- Designed and Implemented an IoT Sensing Network to monitor geographically distributed locations
- Integrated a Spring Boot App, a Go App and a Grails App using Redis Streams and Amazon SQS
- Produced and presented analytical data in Groovy, Grails and Chart.js
- Wrote 80 pages of documentation about IoT, including use cases and business scenarios

Keywords: Java, Groovy, Javascript, Spring Boot, Grails, AWS, SQS, Redis, Go, Compliance

Univeris Corporation, Canada

Jul 2018 – Oct 2019

Team Lead

- Lead 4 engineers on the development and maintenance of the asset servicing business
- Introduced Spring Batch Processing in the suite of products
- Introduced Spring Boot for Micro-service implementation
- Introduced new design for data exchange among heterogeneous systems

Keywords: Java, JavaEE, Spring Boot, ETL, Batch, Micro-service, Jira, Bamboo, AWS, Scrum, Finance, Investments

Université catholique de Louvain, Belgium

Jul 2015 – May 2018

Team Lead

- Lead 5 engineers on the development of OSIS, a higher education information system.
- Managed bi-weekly sprints of core business applications following Scrum practices, prioritizing features, monitoring the life cycle and the release pipeline.
- Promoted continuous learning, sharing and collaboration among the team.
- Acted to empower and engage the team to achieve established goals.
- Ensured that tasks are rotated among team members to facilitate depth and common expertise.

Keywords: Agile, Continuous Integration, Deployment Pipeline, Jenkins, Jira, Kanban, Scrum

Université catholique de Louvain, Belgium

Jun 2012 – Jul 2015

Software Architect

- Designed and maintained the architecture of Enterprise Java Applications (JavaEE) and Python/Django applications, deployed in a private cloud infra-structure (OpenNebula).
- Integrated back-office and front-office using RabbitMQ in order to increase the availability of the portal to over 30.000 active users / hour.
- Integrated heterogeneous business applications (JavaEE, Python/Django and SAP) using WSO₂, including external partners and service providers.
- Actively documented technical decisions, choices and adoptions.

Keywords: AsciiDoc, CDI, Clojure, Django, Gradle, Hibernate, Java, JavaEE, JavaScript, Jboss, JSF, Jmeter, JMS, JPA, Jquery, Json, JUnit, Liquibase, Markdown, Maven, Oracle, PostgreSQL, Primefaces, Python, RabbitMQ, REST, Spring, Struts, WSO2

Intrasoft International S.A, Belgium

Oct 2010 – Jun 2012

Software Engineer at the European Commission (DG-EAC)

- Identified, analyzed and documented the design of the applications developed in house.
- Developed proof of concepts to validate the adoption of new technologies and frameworks and establish corporate standards.
- Created and maintained a map of data exchange among applications to identify bottlenecks and improve interoperability.
- Produced cost-benefit analyses and planning for projects intended to replace existing legacy applications.

Keywords: Ant, Bamboo, Confluence, Java, JavaEE, Jira, JSF, Oracle, SOAP, Sourcetree, XML, Vaadin, Weblogic

Education**Ph.D. in Applied Sciences** **2010**

Université catholique de Louvain, Belgium

Master in Business Administration and Management **2008**

Université catholique de Louvain, Belgium

Bachelor in Computer Science **2005**

Universidade de Fortaleza, Brazil