

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 DevOxx and Fosdem
- Fluent English, French, and Portuguese

Recent Professional Experience

Compliant IA, Canada

Oct 2019 – Now

Senior Software Engineer (100% hands on)

- 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 (50% hands on / 50% leadership)

- Lead 4 engineers on the development and maintenance of the asset servicing business using Scrum practices
- Developed a Spring Batch application to load market prices of investments for daily trading
- Developed a Spring Boot application to manage investment products
- Designed a data exchange format to enable interoperability 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 (50% hands on / 50% leadership)

- 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.
- 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 (80% hands on / 20% leadership)

- 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 (50% hands on / 50% coordination)

- 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	
