

# Hildeberto Mendonca, Senior Software Engineer

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## Highlight of Qualifications

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- 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 architecting scalable business web applications
- Presented at several international conferences such as DevOxx and Fosdem
- Fluent English, French, and Portuguese

## Recent Professional Experience

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*Compliant IA*

*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 documentation about the entire IoT solution, including use cases and security concerns

*Univeris Corporation*

*2018 – 2019*

### Team Lead

- Leading 4 engineers on the development of asset services in the leader wealth management platform in Canada
- 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

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

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*Université catholique de Louvain, Belgium*

*2015 – 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.

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

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*Université catholique de Louvain, Belgium*

2012 – 2018

**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 WSO<sub>2</sub>, including external partners and service providers.
- Actively documented technical decisions, choices and adoptions.

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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

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*Intrasoft International S.A, Belgium*

2010 – 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.

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

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**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