

# Hildeberto Mendonça

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## Highlight of Qualifications

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- 15+ years of experience on the Java platform
- 2+ years of experience on Python programming
- 2+ years leading a team of 5 developers
- 7+ years designing scalable business applications
- Presentations on several international conferences
- Writer of technical reports and blogs about information technology
- Fluent in Portuguese (native), English and French

## Relevant Professional Experience

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*Université catholique de Louvain, Belgium*

2012 – Now

### Team Leader

- Lead 5 developers on the development of OSIS, an open source high education information system.
- Manage bi-weekly releases of core business applications, prioritizing the features, monitoring the life cycle (Kanban) of each feature and writing release notes.
- Promote continuous learning, sharing and collaboration, gradually empowering people with more autonomy and responsibilities to reach for engagement and achievements.
- Randomly assign tasks among team members so everybody can maintain everything.

### Software Architect

- Design and maintain the architecture of 3 Enterprise Java Applications (JavaEE) and a large Python/Django open source application sponsored by the university.
- Guarantee +30.000 active users have access to their personal and administrative records with no downtime thanks to an asynchronous reactive architecture with RabbitMQ.
- Document technical decisions, choices and adoptions, so there is no knowledge dependency.

*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, frameworks and corporate standards.
- Created and maintained a map of data exchange among applications to identify bottlenecks and improve communication.
- Reviewed and recommended improvements that impacted the integration of two or more applications.

- Produced cost-benefit analysis and planning of projects intended to replace existing legacy applications.
- Represented the DG (Directorate General) in corporate gatherings to rationalize information systems throughout the entire Commission.
- Evaluated the impact of rationalization in terms of data representation and exchange.

*Banco do Nordeste do Brasil, Brazil*

2006

### **Software Engineer**

- Defined development patterns to be adopted by Java Developers.
- Defined the standard architecture of J2EE web applications.
- Integrated J2EE web applications with SICS (Transactional Cobol for Mainframe) through CICS Transaction Gateway.
- Managed the test environment of J2EE applications on the IBM z/OS Mainframe platform.

## **Volunteer Work**

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### **Web Developer**

2017

Brocante Bruyères, Louvain-la-Neuve, Belgium

Developed a web application to register the participants of the flea market, assign them to the available slots, manage a waiting list and communicate via email. Everything using Amazon Web Services.

### **JUG Leader**

2004 - 2012

Ceará Java User Group, Fortaleza, Brazil

Co-chaired the CEJUG community, organizing events, giving talks and looking for sponsors. Developed a Java Web Application to manage memberships, registrations to events and marketing.

## **Education**

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### **PhD 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

**References available upon request.**