

Hildeberto Mendonca

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Highlight of Qualifications

- 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

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

Web Developer

Boust Swimming Club, Louvain-la-Neuve, Belgium

2018

Used Flask and React to modernized the web presence of Boust Swimming Team, a non-profit organization focused on training young athletes for regional, national and international competitions.

Brocante Bruyères, Louvain-la-Neuve, Belgium

2017

Developed a Django 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

Ceará Java User Group, Fortaleza, Brazil

2004-2012

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

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