

## Highlight of Qualifications

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- Over 15 years of experience on the Java platform
- Over 2 years of experience with Python programming
- Over 2 years as a developer team lead
- Over 7 years of experience in designing scalable business applications
- Presented at several international conferences
- Writer of technical reports and blogs about information technology
- Fluent English, French, and Portuguese

## Relevant Professional Experience

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*Université catholique de Louvain, Belgium*

2012 – Present

### Team Leader

- Lead 5 developers on the development of OSIS, an open source higher 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 among the team.
- Work to empower and engage the team to achieve defined goals.
- Ensure that tasks are rotated among team members to facilitate depth and common expertise.

### Software Architect

- Design and maintain the architecture of three Enterprise Java Applications (JavaEE) and a large Python/Django open source application sponsored by the university.
- Guarantee access to the personal and administrative records of over 30.000 active users and avoid system downtime through the a asynchronous reactive architecture supported by 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 analyses and planning for 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

Boust Swimming Club, Louvain-la-Neuve, Belgium

2018

Used Django to modernize the web presence of the Boust Swim 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. Used Amazon Web Services.

### JUG Leader

Ceará Java User Group, Fortaleza, Brazil

2004-2012

Co-chaired the CEJUG community, organized events, gave presentations and solicited 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

## Technical Skills

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Java, JavaEE, JBoss, Python, Django, JavaScript, JQuery, Oracle, PostgreSQL, RabbitMQ, WebLogic, Git