

# Curriculum vitae

## PERSONAL INFORMATION

### João Boto

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## WORK EXPERIENCE

Sep 2017–Present

### Data Architect

idealista, Madrid (Spain)

- Building analytic systems for track user activity, statistics and others
- Creation of a report application

**Technologies:** Flink, Kudu, Oracle, Golden Gate, Kafka, Cassandra, Kinesis, Amazon S3, Sqoop, Drill, Presto, Druid, Solr, Elasticsearch, Ansible, Pentaho

Sep 2013–Aug 2017

### Development Team Leader

idealista, Madrid (Spain)

- Project management using agile methodologies like Scrum, Kanban and ScrumBan
- Implementation and management of a gateway for printing invoices
- Importing and exporting data feeds
- Email delivery services and micro-services
- Integration with internal and external micro-services

**Technologies:** Spring, Spring boot, Storm, Jenkins, Ansible, Oracle, Git, Solr, Elasticsearch

Aug 2010–Sep 2013

### Analyst Developer

Profile Software Services, Madrid (Spain)

**Client::** Idealista

- Team management
- Agile methodologies like SCRUM
- Creation and management of data leads
- Creation of validation through regular expressions
- Project analysis and creation of documentation
- Creation of a gateway for printing invoices
- Creation and implementation of FTP services
- Creation and implementation of email delivery services.
- Creation and implementation of daemons
- Importing and exporting data
- WebServices creation and implementation

**Technologies:** Java/J2EE, Oracle, Tomcat, Jonas, Subversion, Spring3, Hibernate3, Scrum, Kanban, Scrumban, Talend, Linux, Log4j, Osgi, Ibatis, Xml, Maven, IIS, ASP, PL/SQL, SOAP, RESTfull, Git, Jira, Confluence, Stash, SourceTree

Nov 2009–Aug 2010

### Informatics Consultant

Bee Solutions, Madrid (Spain)

**Client:** Indra

- WebServices creation and implementation

- EJB's creation and implementation
- Creation of reports printing services

**Technologies:** Java/J2EE, WSAD, Oracle, Toad, Subversion, WebServices, Struts, iText, Spring, Log4j

Apr 2009–Nov 2009

### System and Applications Engineer

Sistemas Intermec SA, Madrid (Spain)

**Client:** Sistemas Intermec SA, Equipos y Sistemas SA y Compañía de Instrumentación y Control SL

- Requirement analysis for all the group companies
- Software adaptation to all group companies
- Creation and implementation of new functionalities
- Design and implementation of JasperReports using iReport.
- Implementation of a repository (SubVersion), a wiki (DokuWiki) and a track manager (FlySpray) for project management.
- Scripts creation (in Linux and Ant) to execute routine procedures
- User training
- Creation and maintenance of the repository on SourceForge in the Spain location of Adempiere, being a citizen of this community.
- Digital signature of certificates through XAdES.

**Technologies:** Java/J2EE, JBOSS, Oracle, PostgreSQL, Toad, DokuWiki, FlySpray, iReport, Subversion, Linux, JasperReport, Ant, XAdES

Sep 2008–Sep 2016

### Consultant

Sintek EU, Madrid (Spain)

- Web portals developer
- E-commerce developer
- Newsletters developer
- CMS plugin developer
- Web positioner (SEO, SEM, SMO)
- Server administrator

**Technologies:** PHP, Joomla, Wordpress, osCommerce, Zen Cart, Java/J2EE, Python, Drupal, MySQL, PostgreSQL, Cpanel, Linux

Jun 2008–Apr 2009

### Applications Engineer

Pragsis Technologies, SL, Madrid (Spain)

**Client:** Indra – Ministry of Work

- Migration scripts creation for Oracle Database, adapting the old database schema to the new one and creating new tables adapted to the needs
  - Subsystem analysis to sending and receiving files to bancs
  - Files lead to bancs
  - JSP, Servlets and Javascript functions creation
  - Creation of technical design files
  - Data Flow diagrams creation
  - Dynamic search engines and statistics creation
- Technologies:** Java/J2EE, JSP, JDBC, Javascript, Oracle, Toad, Struts2, Spring, JBOSS, EDGE Diagrammer, Ibatis, Log4j.

Feb 2008–May 2008

### Application Engineer

Pragsis Technologies SL, Madrid (Spain)

**Client:** Unidad Editorial

- Development environments and SVN repositories implementation
- Javascript functions creation.
- Project analysis and documentation
- WebServices creation
- Azman permissions creation and management
- Servlets creation
- Oracle tables creation and adaptation
- Creation of connection pools and methods for accessing Oracle
- SQL optimization
- WebSphere to Tomcat server migration

**Technologies:** Java/J2EE, JSP, Servlet, WebServices, JDBC, Oracle, Single Sign On, Azman, Sql Development, Visual SVN, Tortoise, Axis, Tomcat, WSAD, Rational Rose, Javascript, Servlets, SubVersion, Tomcat.

Aug 2007–Jan 2008

### Developer

Rawson Consulting, Madrid (Spain)

**Client: VASS**

- Project analysis and documentation
- Models design and creation
- CSS and Javascript creation
- Ldap connectivity and functionality design and implementation
- Single Sign On with Ldap system creation
- Struts modules design and implementation
- Ldap DB design and implementation

**Technologies:** Java/J2EE, JSP, Servlets, Struts, WSAD, LDAP, Single Sign On, CSS, JavaScript, Log4j, ZHTML, Spring, WebSphere

Feb 2006–Jul 2007

### Developer

Simbolo - Informática e Gestao, Lds, Bragança (Portugal)

- Project: **PFC (Final Career Project)**

Technologies: Python, MSP, Java/J2EE, MySQL

- Project: **Small bank projects**

Technologies: C, C++, .NET

- Project: **Student grades management**

Technologies: C++, MySQL

## EDUCATION AND TRAINING

Sep 2016–Jun 2017

### Big data Architecture

Kschool, Madrid (Spain)

Sep 2002–Jun 2007

### Systems Engineer

Escola Superior de Tecnologia e de Gestão - Instituto Politécnico de Bragança, Bragança (Portugal)

Sep 1997–Jun 2002

### Informatic specialist

Escola Secundária C/3º Ciclo Miguel Torga, Bragança (Portugal)

## PERSONAL SKILLS

Mother tongue(s) Portuguese

Foreign language(s)

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| Spanish | C2            | C2      | C2                 | C2                | C2      |
| English | C1            | C1      | B2                 | B2                | B2      |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

## ADDITIONAL INFORMATION

## Courses

- Master degree in Agiles Scrum Project Management
- Specialist in e-invoice and e-signature
- 2.0 companies management and social networks specialist
- Networking specialist
- Consulting IT services specialist
- SEO, SMM, SEM
- TICs management
- Advanced Project Management
- Basic Project Management
- XML
- Ajax: Asynchronous, JavaScript + XML.
- J2EE – Web development, JSF, Spring.
- E-commerce
- Marketing Online
- Software Engineering and Efficient Tests Design
- Struts design and patterns
- Advanced Java
- Basic Java