

Pedro Calqueiro

SOFTWARE ENGINEER

PHP + JAVA



+ CONTACT

Name	Pedro Miguel Calqueiro Silva Dias Luís	
Portfolio	http://www.xonox.pt	
Contacts	☎ Skype: morcelini	✉ morcelini@gmail.com
Location	Mafra, Portugal	
Nationality	Portuguese	
Place of birth	Castelo Branco, Portugal	
Date of birth	June 21, 1983	
Gender	Male	

+ BIO

I'm a software engineer with a solid background in PHP, JAVA, J2EE and related technologies.

Over the past years I have been working on enterprise level solutions based on CMS, CRM, ERP and custom made software to the telecommunication industry and computer software industry.

My hot topics are

- Software Development Lifecycle
- Continuous Integration
- Build Automation
- Software Delivery Pipeline and Deployment Automation
- Secure Software Development
- Software Testing
- Static Code Analysis
- Code Coverage
- Software Architecture
- Symfony2 Framework and Doctrine ORM

Whats next on my mind?

- ESB and SOA environments
- SaaS software development
- Scalable software development
- High availability solutions

+ EXPERIENCE

+ eficaz

<http://www.maiseficaz.pt>



Software Engineer

2013 / ????

Enterprise Collaboration Platform

Client: Portuguese Accountants Society - <http://www.occ.pt>

Targeted to a community of 75.000 members

Document Management

Message Workflow Management

Development of a Oracle Fusion Web Application

- Oracle ADF (Application Development Framework)

- Oracle WebCenter (formerly Oracle Universal Content Management)

Case Study: <http://www.xonox.pt/pdf/CaseStudy-OCC.pdf>

SIGO (Sistema de Informação e Gestão da Oferta Educativa e Formativa)

Client: Portuguese Government Education - <http://www.dgeec.mec.pt>

Course Management

Student Portfolio

Certification Validation Process

Improve team development methods, technologies and source code management strategy

Improve application build and delivery pipeline

Migrate SIGO Web Application from SNV to Git and from JEE 5 / WebLogic 10gR3 to JEE 7 / WebLogic 12c

Case Study: <http://www.xonox.pt/pdf/sigo.pdf>

Main Technologies & Tools

Oracle ADF

GitLab / Jenkins / Apache Maven / SonarQube

Oracle WebLogic 12c

JAX-RS / Jersey / Swagger

Oracle WebCenter

JAXB / MOXy

Oracle Exalogic / Exadata infrastructure

JSF / AngularJS

JasperReports

JPA / Eclipselink / EJB 3

Eclipse IDE / JDeveloper IDE

Log4j2 / Sentry Logging

DRI - Discovery/Reinvention/Integration/

<http://www.dri-global.com>

Ranked by Deloitte in the 30th fastest-growing technology companies in Portugal



Software Engineer

2011 / 2013

Visa Request Management

Client: Petroleum Ministry of Angola - <http://www.minpet.gov.ao>

A SugarCRM backend to manage visa requests

A portal frontend to submit visa requests

Development process automation

Development of CRM solution

Integration architecture

ER Model Design

Case Study: <https://youtu.be/mZK1gYr3WdU>

Field Force Automation CRM Solution

Client: Delta Cafés - <http://www.delta-cafes.pt>

A call centre SugarCRM backend to manage customer support

An android mobile application to receive and send data to CRM

SOAP WS and REST WS architecture

Integrate SugarCRM with SAP ERP using SOAP WS

Integrate SugarCRM with Android mobile application using REST WS

Case Study: <https://youtu.be/EtUvwQ0VDgQ>

Main Technologies & Tools

SugarCRM	PHP 5.3	SOAP / REST WS	Swagger REST
Symfony2	Zend Framework 1.x	Git	Jira / Confluence / Mylyn
MySQL	Eclipse	Jenkins	Scrum
PSR code standards	Composer Dependency Manager	phpUnit / QA toolchain	jQuery

ArtSOFT

<http://www.artsoft.pt>

ArtSOFT is a leading Portuguese ERP software with over 60.000 users



Project Engineer

2007 / 2011

Development of ArtSOFT middleware system

Based on HTTP protocol and XML to enable remote systems to send / receive data to / from ArtSOFT

Development of ArtSOFT E-commerce Portal Platform

Based on Joomla CMS and integrated with ArtSOFT

Enables ArtSOFT resellers, consultants and developers to implement integrated e-commerce portal solutions

Case Study: <http://www.youtube.com/watch?v=4ToMW-zZv4o>

Screencast: <http://www.youtube.com/watch?v=YXWBt-8xoK8>

Development of ArtSOFT HRM Portal integrated with ArtSOFT ERP

Payroll processing, absence and vacation management, team management, personal information management, employee training management, employee performance management

Side Note: HRM implemented in Calzedonia Portugal to serve about 200 stores and 900 employees

Screencast: <http://www.youtube.com/watch?v=9sXluZF4cMo>

Development of ArtSOFT Web Reporting Solution

Solution based on Jasper Reports to enable web applications embedding reports with data from ArtSOFT

Main Technologies & Tools

PHP 5.2	XML	Joomla CMS
Java	JQuery / ExtJS	ArtSOFT
Jasper Reports	iReport	Java Applets
Java Servlets	HTML / CSS	REST WS
SVN	Apache2 / MySQL	JS / JSON / AJAX

Zapp

<http://www.zapp.pt>

It was a telecommunication company that has closed doors in 2011



Portal Developer and Support Engineer

2005 / 2007

As employee

Development and support of client portal
Development and support of company online shop
Development of prepaid system portal features
Integration of the client portal with the billing system
Integration of the client portal with the electronic invoices system
Follow up company CRM project implementation

As student

Development of RHM (Radiomóvel Human Management) a human resources management web application.
RHM system includes the following main features:

- Personal information manager of each worker
- Vacation management
- Attendance management
- Skills management
- Performance assessment management
- Training management
- Recruitment process management

Main Technologies & Tools

J2EE	Oracle Database 9i	Sun Application Server / JBoss / Tomcat
MySQL	JSP / Servlets	JDBC / JNDI
Apache Struts	EJB 2	PHP

+ EDUCATION

Software Engineering

Escola Superior de Tecnologia de Castelo Branco

2001 / 2006

Final Grade: 14



+ LANGUAGES

Mother tongue

Portuguese

Foreign languages

English, Spanish

I can read, write, listen and response

French

I can read and understand basic language

+ PROFESSIONAL PROFILE

Scrum Practitioner

- Daily Meeting
- Backlog Grooming
- Spring Review
- Spring Planning
- Sprint Retrospective
- Planning Poker

Code: PHP & Java

Frameworks: Symfony, Jersey, Swagger

OS: Ubuntu

IDE: Eclipse

SCM: Git

Tools: Jira, Confluence

+ OTHER SKILLS AND HOBBIES

Passion: Software Development & Software Architecture

Nirvana: Build from scratch a software product

Hobbies: Play Football & Build Furniture

Fan: Castelo Branco & Sporting Clube de Portugal