CURRICULUM VITAE – SOFTWARE ENGINEER

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EDUCATION

Professional Qualifications   2010
OutSystems Certificated Associate Developer

ISEL - Lisbon's Engineering Superior Institute – (Lisbon, Portugal)

BSc. Informatics and Computers (Software Engineering) – 180 ECTS   2010
Final Year Project: 'Automatic Planning of Airport Infrastructures' – Selected for poster session in CETC11 – Conference on Electronics, Telecommunications and Computers

Santa Maria dos Olivais Nº 2 Secondary School, Lisbon, Portugal

Secondary School Informatics Technological Course - Junior cert Equivalent   2005

TECHNICAL SKILLS SUMMARY

Language	Level	First Used	Last Used
C#	Advanced	2009	2014
LINQ	Advanced	2009	2014
SQL	Advanced	2009	Present
Oracle	Basic	2015	Present
ASP.Net	Advanced	2010	2014
Dynamic Data	Advanced	2010	2014
Silverlight	Basic / Intermediate	2012	2013
Entity Framework	Advanced	2010	2014
MVC	Intermediate	2010	2012
Razor	Intermediate	2010	2012
Java	Intermediate	2006	2011
C++	Basic / Intermediate	2008	2009
XML	Advanced	2009	Present
HTML	Intermediate/ Advanced	2009	Present
CSS	Basic / Intermediate	2009	Present
Javascript	Intermediate	2010	2014
jQuery	Basic / Intermediate	2010	2014
PHP	Basic	2013	2013
MySQL	Basic	2013	2013
Prolog	Basic	2011	2011
Outsystems	Intermediate / Advanced	2010	Present
Android SDK	Basic / Intermediate	2011	2011

Web Development Technologies: ASP.NET, WebForms, AJAX, jQuery, FusionCharts, WSDL.
Windows Development Tools: Visual Studio 2008 - 2012, Subversion, Windows Forms.

Databases: SQL Server 2003 - 2012, MySQL 5.0.
Methodologies: Design Patterns, MVC.

PROFESSIONAL EXPERIENCE

Banco BPI – FinanceGlinnt/APPLY

<div align="right">01/2015 – 09/2014</div>

FinanceGlinnt is an Factoring and Confirming intranet application, meant to replace and incorporate all the information and management mechanisms that already exist and additionally allow the incorporation of new functionalities que enables the Bank to promptly answer the market imposed dynamics.

In this project, I was responsible for:

- General software development;
- Bug fixing;
- Production environment direct support;
- Planning, Discussion and Architecture of new developments;

- **Web Technologies:** OuSystems Platform 8
- **Databases:** Oracle 11.

GO/ GOpads Application Maintenance Lead Technical Consultant

<div align="right">04/2012 – 01/2015</div>

As Lead Technical Consultant, my remit included:

- Management of the Software Development Process (which includes the formulation, monitoring, and enforcement, of development policies and procedures).
- General Software Development (implementation of new features, bug fixing and preventive interventions).
- Database Administration (backup management, query optimisation).
- Testing.
- Training junior members, as needed.
- Meetings with client to determine requirements, system specifications and progressive application development.

- **Web Technologies:** ASP.NET, AJAX, Javascript, jQuery, Dynamic Data, OuSystems Platform.
- **Windows Development Technologies:** C#, LINQ, Visual Studio 2012, Subversion.
- **Databases:** SQL Server 2005 – 2008.

INA – Instituto Nacional da Administração – SIOL Project

<div align="right">04/2014 – 05/2014</div>

SIOL is an intranet application, which functions as a portal to manage the Public Service employee's formations.

In this project I was responsible for:

- .Net Platform migration, from 1.0 to 4.0
- Changing and configuring the login process – from Form Authentication to Windows Authentication through Active Directory
- Implementation of new features and bug fixing

- **Web Technologies:** ASP.NET, Javascript,
- **Windows Development Technologies:** C#, Visual Studio 2012.

<div align="right">12/2013 – 03/2014</div>

EDP – Energias de Portugal – GI Project

GI – Gestão de Infrastruturas – is an intranet application, where EDP manages all their infrastructures – building maintenance, contractors, incidents, different types of contracts, etc.

In this project I was responsible for:

- Leading a team of 2 developers
- Changing and configuring the SMS notification process
- Implementation of new features and bug fixing
- Evolve the application so that multi-country is supported.
- Meetings with other development teams, from other software companies, to integrate all the developments

- **Web Technologies:** ASP.NET, Web Services, OutSystems Platform, Javascript
- **Windows Development Technologies:** C#, Visual Studio 2012.
- **Databases:** SQL Server 2013

Associate Technical Consultant   10/2011 – 04/2012

- Development of GOpads System (http://www.fids.com/?page_id=89), a **Dynamic Data ASP.NET Web Application**, that works as a FIDS system and as a smaller Airport Operations Management System.
- The application's first version was developed using .**Net MVC3**, using **Razor** view-engine. Due to several factors, GOpads's development changed to **ASP.Net Dynamic Data**.
- GOpads system communicates with GO system through WSDL Web Services so that all airport data is synchronized in real time. **MSMQ** is used to temporarily keep all the vital information that is transferred to and from GO system.
- Flight information is provided to passengers in the airport's display with NDS's PADS software. GOpads has a **SQL Server** set of stored procedures, actions and views that processes and delivers all data to NDS's PADS software.
- Siemens's BHS (Baggage Handling System) communicates with GOpads through a Web Service (WSDL).
- One of GOpads's main roles is to automatically manage flights infrastructures. To do so, there are several timers running that handle all actions associated with the infrastructures status.
- **Web Technologies:** ASP.NET, AJAX, jQuery, Javascript, MVC, Dynamic Data.
- **Desktop Technologies:** Windows Services, MSMQ.
- **Windows Development Technologies:** C#, LINQ, Visual Studio 2010-2012, SVN
- **Databases:** SQL Server 2005 - 2008 R2.

Junior Technical Consultant   04/2010 – 10/2011

- Development of GO Airport Operation Management System (http://www.airport-technology.com/contractors/consult/cgi-airport/), an **ASP.NET Web Application**, using **OutSystems Platform** (RAD) divided in several modules using different technologies.
- Planning module consists in an ASP.NET Web Application that communicates with **Clasp** (answer set solver program) via command prompt, with input and output processed via file format.
- Interface Management Module consists in a Windows Service that handles all the communications between the GO System and all the external interfaces operating in different airports. The communication between the GO system and this module was made via **Web Service (WSDL)**, storing the exchanged/unprocessed messages in several **MSMQs.** The communication between this module and the external interfaces is made through several technologies: **HTTP**, **TCP**, **WSDL**.

- GANTT Module consists in a **Silverlight Application**, where users can view and manage all the daily flights infrastructures and related information. The information is displayed in an interactive Gantt chart where the users change flight infrastructure allocations by dragging and dropping flight representation objects.
- Reports Module consists in a data reporting module, with several pre-designed reports, downloadable in a PDF or MS Excel file format. This module has also available several charts, developed with **Javascript** library FusionCharts. To deal with the large volume of information, a set of reports dedicated actions, stored procedures and views in **MS SQL Server** were developed.
- **Web Technologies:** ASP.NET, AJAX, jQuery, Javascript, FusionCharts.
- **Desktop Technologies:** Windows Services, MSMQ, Clasp.
- **Windows Development Technologies:** C#, LINQ, Visual Studio 2010-2012, OutSystems Platform
- **Databases:** SQL Server 2005 - 2008 R2.

Service Desk Technician   10/2008 – 04/2010

- Ensure proper computer operation so that end users could accomplish business tasks.
- Receiving, Prioritizing, Documenting and actively resolve end user help requests.
- Escalate incidents when appropriate to Level Two or Field teams.
- Support other IT project leads and team members in support, testing and training of the user base on business applications.
- Assist in software releases, roll-outs and communication to the end users.
- Evaluate documented resolutions and help contribute to the resolutions library.
- Analyse ways to prevent future problems and alert management to emerging trends in incidents.

HOBBIES AND INTERESTS

- Landscape and Architecture Photography
- Music: Listening and playing (Guitar and drums)
- Reading (books, articles in general, technology and programming blogs and magazines, etc)
- Watching movies
- Being with family and friends
- Football (Watching and playing)
- Videogames