

Curriculum Vitae

PERSONAL INFO:

Name: Paulo Jorge Correia Pires

Birth: 18th November, 1983

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SUMMARY:

I am a *very curious, objective and persistent* person looking always for *new and exciting challenges*. My experience focus on System Administration and Software Development. Linux, .NET, Java and Networking are some points worth of notice in this CV.

I am willing to travel and am available for moving to other countries as well.

ACQUIRED KNOWLEDGE:

Operating Systems¹: Linux, OpenBSD, NetBSD, FreeBSD, Microsoft Windows 95/98/NT/2000/XP.

Programming/Scripting¹: C#, Java (SE e EE), PHP, Perl, Visual Basic/ASP, SQL, XML, (X)HTML, Python/Ruby, Pascal;

Other Technologies:

- Frameworks: Java EE 5, AndroMDA, oAW, Hibernate, OpenJPA;
- Unit-Testing: JUnit, NUnit, Test-NG, Easymock, Emma;

¹ By experience order (professional or academic)

- Database: MySQL, PostgreSQL, MS SQL Server, Firebird, Access, DB2, Oracle;
- Application Servers: JBoss, Glassfish, Websphere;
- Editor/IDE: Eclipse, MonoDevelop, Netbeans;
- Revision Control System: SVN, Bazaar, Clearcase;
- Build Tools: Ant, Maven, make;
- Development Platforms: JIRA, Confluence, Twiki, Trac, Hudson;
- Services: Apache, lighttpd, IPTables, pf, OpenLDAP, Samba,
- qmail, courier-imap, pure-ftpd, etc;

Architectures: x86, AMD64, SPARC, s/390, HPPA.

EXPERIENCE:

From November 2006 to current date

Software developer at *Nokia Siemens Networks* (Portugal, Aveiro)

- Currently developing an MDA-oriented framework and tool-set for *Network Management System* applications development (persistence, code generation from data modelling, plug-in architecture, etc.);
- Integrated development of a prototype intended for Nokia's *OpenEMS* evaluation;
- Integrated development of a ASON/GMPLS manager component directed at company's network management system, *TNMS*;
 - Applied Technologies: JavaEE, Hibernate, AndroMDA, JBoss;

From January 2006 to April 2006

Software developer at *OpenQuest* (co-partnership, Aveiro)

- Integrated development of a CAD application for designing coaxial-based networks (SMATV, CATV, MATV, etc.) to *TEKA Electronics* company;
- Applied Technologies: MS .NET (C# + SWF).

References:

<http://www.openquest.pt>

<http://www.tekaelectronics.com>

From May 2004 to December 2005

Sysadmin and Software Developer at *Sinalarte – Indústria de Sinalização*

- Development of an application to plan and deploy traffic-management devices, such as traffic-lights, magnetic detectors, RF radars, speedometers, etc. This application runs over [Mono](#), being able to run in Windows and Linux. Applied Technologies: C# + Gtk#
- Install and maintain several Linux servers running DNS (djbdns), imap-imapssl-smtpauthtls (qmail + courier-imap + vpopmail + spamassassin + antivirus), MySQL, Apache/mod_mono/PHP, Primary Domain Controller Samba, DHCP, etc.), Squid proxy authenticated over the Samba PDC;

From April 2004 to November 2004 (Part-time)

SysAdmin and Software Developer at *Instituto de Telecomunicações – Pólo de Aveiro* (<http://hng.av.it.pt>), in projects such as Daidalos (www.ist-daidalos.org);

April 2003

Cooperation with *Centro de Informática do Exército²*, Lisboa) ([CIE Website](#))

² Portuguese Army Computer Center

- Install and configure Debian Linux on a IBM s/390 mainframe in its LPAR mode. This was the first installation of this kind in Portugal;
- Install and configure Oracle and DB2.

From May 2002 to January 2004

Sysadmin and Software Developer at *NETUAL – Multimédia e Telecomunicações* (<http://www.netual.pt>)

- Outsource programmer for *PT Inovação* (<http://www.ptinovacao.pt>) in projects like *MyTMN* (<http://www.mytmn.pt> – PHP, Perl and PostgreSQL);
- Install and maintain several Linux and OpenBSD servers running DNS (djbdns e bind), pop3-pop3ssl-imap-imapssl-smtpauthtls (qmail+courier-imap), MySQL, PostgreSQL, Apache/Tomcat, FTP (pure-ftpd), LDAP (OpenLDAP), Samba, DHCP, etc;
- Several firewall/proxy solutions applied to costumers (Linux - IPTables/Squid, OpenBSD – pf/Squid);
- IPv6 implementation.

From November 2001 to April 2002

Sysadmin and Software Developer at *Escola Superior de Tecnologias da Saúde de Coimbra*³ (<http://www.estescoimbra.pt>)

³ Superior School of Health Technologies of Coimbra

- Analysis, design and implementation of a Human-Resources applications for both institute populations: employees and students. Applied Technologies: VB + MySQL Server + Crystal Reports;
- Install and maintain a Linux firewall, DNS and Web server.