


**Personal information:** Pablo Rodríguez Rey  
IT Engineer, Consultant, Analyst, Developer

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 616 347 945

 July, 31st 1982

 Murcia (Spain)

 Telegram, Hangouts, Whatsapp

**Education:**

- Master in New Technologies in Informatics - Networks and Telematics (*active*)
- Technical Engineering in Computer Systems
- Senior Cycle in Electrical Facilities

**Work and experience:**

2008 –	CEO at INERTINC INDUSTRIES ( <a href="http://www.inertinc.com">www.inertinc.com</a> )
2004 –	Network Application Developer for the Area of the Technologies and Communications Applied (ATICA) at the University of Murcia ( <a href="http://www.um.es/atica">www.um.es/atica</a> )
2002 –	MurciaLanParty event organizer ( <a href="http://www.murcialanparty.com">www.murcialanparty.com</a> )
2008 – 2009	Main developer for bus mapping & routing project (Plania) at DIGIO, S.L.
2004 – 2008	Vice-president & director of the IT department of INFOMUN, J.E.
2001 – 2004	Summer works at the city council of Puebla del Caramiñal
2000	Cybercafé admin & computing teacher at Ingenium Informática, S.L.

**Skills:**

- Debian-based, DOS, FreeBSD, Windows: Expert administrator: Network routing & firewall interfacing, RAID set-ups, clustering, balancing, NAS, Active Directory, ...
- Security: Very concerned about the security, some security tools developed, ethical hacking and lot of security IDS, HIDS and pentesting tools skills.
- Virtualization: Daily working with OpenVZ, Linux Containers -LXC-, KVM, and VMware vSphere, also worked with Docker and Kubernetes, and orchestration tools.
- Networking: Router & Switch management, Cisco IOS, network tools.
- Programming: PHP, HTML5, JavaScript & CSS ninja; C/C++, Java, Basic, x86/MIPS assembler expert; scripting (bash, cmd, vbs), Delphi & Flash proficient, other languages not actively used but with experience, like Python, PERL, PL/SQL, Clipper, ...
- Protocols: IP, IPv6, HTTP, FTP, IMAP, POP3, SMTP, SNMP, IRC, TLS, etc. (hundreds+!)
- Cryptography: Symmetric and asymmetric cyphering, RSA, 3DES, Blowfish skills.
- Smartcards: Chip Operating Systems, card authentication and security models.
- Databases: MySQL & MariaDB ninja; Oracle, PostgreSQL, SQL Server & SQLite expert.
- Geospatial services & development: MapServer, PostGIS, MapScript, OpenLayers.
- Graphics: 3d Studio, AutoCAD, Photoshop, Animator, Inkscape, other misc tools
- Electronics: Analog & Digital, microcontrollers (PIC, AT, MSP, ...), custom designs.
- In-Vehicle electronics: interfacing with CAN-BUS, OBDII, UART, displays, sensors, ...
- LibreOffice, Microsoft Office, Wordperfect Suite: Very good skills!

**Conferences & Workshops imparted:**

- 2014 “Installing Custom Electronics in Vehicles” at the OSHWCon
- 2011 “CSS Workshop” at the “CALDUM days”
- 2008 “Web Applications” at the “MurciaLanParty”
- 2006 “AJAX Talk” at the “CALDUM days” and “MurciaLanParty”

**Projects:**

- jsdl – lightweight C++11 OpenSource V8 Engine powered JavaScript runner with integrated bindings (SDL 2, SDL Image 2, SDL TTF 2, Serial, File, System).
- monitor – Monitor application for the University of Murcia network (UMnet)
- tv.um.es – Live&Video web like youtube, with its own processing and streaming cluster
- iPiscina – Access control embedded device using RFID, GPS, GSM & Bluetooth™
- inav5 – Carputer media integrator (audio, video, radio, gps nav, appliances, ...)
- iSPIM – MIPS Compiler and Simulator for Windows (in Visual Basic, for fun&profit)
- Visual CyberGest – Cybercafé management application (thousand licenses sold)

Languages:	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken Interaction	Spoken Production	Writing
Spanish, Galicien			Mother tongues		
English	B2	C1	B1	B1	C1
Portuguese	B2	C1	B2	B2	C1

**Communication skills:** Good communication with international providers.  
Respectful addressing.

**Driver license:** B: Car, A: Motorbike – both with own vehicles, 40kw boats recreative license

**Hobbies:** Computing, Electronics, R/C, Cars, Lighting, ... essentially: things with wires.  
I also like inline rolling, cycling and hiking for a healthy life.

**Training:**

- Software Defined Networking (TICARUM)
- Superior Course of Docker from Begginers (European Bussiness School)
- vSphere 6.0 Administration (nCora Training)
- ScrumManager Expert level, 150 points in certification degree.
- Course of Computer Forensics Expertise (CIIRM).
- ITIL V3 Foundation Certificate in IT Service Management.
- IPv6 Theoretical-Practice Conference by Deploy-Consulintel.
- Computational Algebra Methods Applied to the Cryptography (University of Murcia).
- Intensive course of PHP and MySQL for dynamic web design (University of Murcia).
- Flash introduction, Intensive course of dBase IV and database programming, ...

**Preferred jobs:**

- DevOps.
- Network applications development.
- Systems administrator, Internet service provider.
- Embedded Systems developer.
- Multimedia developer.
- Web developer.