


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

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 July, 31st 1982

 Murcia (Spain)

 Telegram, Hangouts, Whatsapp

**Education:**

- Master in New Technologies in Informatics - Networks and Telematics
- 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:**

- Linux, DOS, Windows: Expert administrator: Network routing & firewall interfacing, RAID set-ups, clustering, balancing, NAS, Active Directory, ...
- Programming: PHP, HTML5, JavaScript & CSS ninja; expert in C/C++, Java, Basic, x86/MIPS assembler; scripting (bash, vbs), Delphi & ActionScript proficient, other languages not actively used but with experience, like Python, PL/SQL, Clipper, ...
- Virtualization: Daily working with OpenVZ, Linux Containers -LXC-, KVM, and VMware vSphere, also worked with Docker and Kubernetes, and some orchestration tools.
- Networking: Router & Switch management, Cisco IOS, network tools.
- Protocols: IP, IPv6, HTTP, FTP, IMAP, POP3, SMTP, SNMP, IRC, TLS, etc. (hundreds+!)
- Databases: MySQL & MariaDB ninja; Oracle, PostgreSQL, SQL Server & SQLite expert.
- Security: Very concerned about the security, some security tools developed, ethical hacking and lot of security IDS, HIDS and pentesting skills.
- Cryptography: Symmetric and asymmetric cyphering, RSA, 3DES, Blowfish skills.
- Smartcards: Chip Operating Systems, card authentication and security models.
- Electronics: Analog & Digital, microcontrollers (PIC, AT, MSP, ...), custom designs.
- In-Vehicle electronics: bus interfacing, CAN, OBD-II, UART, displays, sensors, ...
- Geospatial services & development: MapServer, PostGIS, MapScript, OpenLayers.
- Graphics: 3D Studio, AutoCAD, Photoshop, Inkscape, Animator, other misc tools.
- LibreOffice, LaTeX, 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:** modemtun – Master’s Degree Project, IPv6 SCHC linux tunnel in C for LPWAN (LoRaWAN)  
 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 – Network monitoring application for the University of Murcia (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 – Opensource Carputer media integrator (audio, video, radio, gps nav, appliances, ...)  
 iSPIM – Opensource MIPS Compiler and Simulator for Windows (in Visual Basic!)  
 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 healty 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.
  - System administrator, Internet service provider.
  - Embedded Systems developer.
  - Multimedia developer.
  - Web developer.