


Personal information: Pablo Rodríguez Rey
IT Engineer, Consultor, Analyst, Developer


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 July, 31st 1982

 Murcia (Spain)

 Telegram, Whatsapp

- Education:**
- MSc on New Technologies in Computer Science, specialism in Networks and Telematics (University of Murcia)
 - Bachelor's Degree on Technical Engineering in Computer Systems (University of Murcia)
 - Senior Degree on Electrical Facilities (IES Coroso & CIFP Politécnico de Cartagena)

- Work and experience:**
- 2008 – CEO at INERTINC INDUSTRIES (www.inertinc.com)
 - 2004 – Network Application Developer for the Area of the Technologies and Communications Applied (ATICA) at the University of Murcia (www.um.es/atica)
 - 2002 – MurciaLanParty event organizer & tech consultor (www.murcialanparty.com)
 - 2008 – 2009 Main developer for bus mapping & routing project (Planía) 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 & informatics teacher at Ingenium Informática, S.L.

- Skills:**
- Linux, Windows, DOS: 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, Node, Python, Basic, x86/MIPS assembler;; scripting (bash, vbs), C#, Delphi & ActionScript proficient, other languages not actively used but with experience, like PL/SQL, Clipper, ...
 - Virtualization: Daily working with Proxmox, 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.
 - VoIP: Protocols, Asterisk, Kamailio, AMI, AGI, Vocal Interaction and AI integrations.
 - 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, proactive development.
 - Cryptography: Symmetric and asymmetric cyphering skills (RSA, 3DES, Blowfish, ...).
 - 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 & Mapping: MapServer, PostGIS, MapScript, OpenLayers.
 - Graphics: 3D Studio, AutoCAD, Photoshop, Inkscape, Animator, other misc tools.
 - LibreOffice, LaTeX, MS Office, WordPerfect: Very good skills, worked as professor.

- 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”

- 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, ...

Languages:

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

- Projects:**
- monitor – Network monitoring ecosystem for the University of Murcia (UMnet)
 - tv.um.es – Live&Video web like youtube, serving 200K visualizations per month
 - 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).
 - 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)

Hobbies: Computing, Electronics, R/C, Cars, Lighting, ... essentially: things with wires.
I also like roller skating, cycling and hiking for a healty life.

Driver license: **A** (Motorcycle) & **B** (Cars) – both with own vehicles.
40kW recreative boat license.

- Preferred jobs:**
- DevOps.
 - Network applications development.
 - System administrator, Internet service provider.
 - Embedded Systems.
 - Streaming, Web developer.