Michele Porelli

Résumé

Experience

Vocational

2014–Present   **Linux System Administrator, Embedded Developer**, Consoft s.p.a., Via Pio VII, 127, 10137 Torino, Italy.
Improved medical smartwatch functionality, built a layer between Asterisk and a custom CRM, tested new partners software and set up testing machines, following agile processes.

2010–2014   **DevOps**, Domosette s.r.l., Strada antica di Collegno, 157, 10146 Torino, Italy.
Built an innovative servers infrastructure using virtualization, designed internal network, developed various Linux powered embedded systems with GPRS and UMTS tecnology, following agile processes.

2013–Present   **System Administrator**, Showbyte s.r.l., Piazza Maria Teresa, 7, 10123 Torino, Italy.
Migrating datacenter from Linux to Solaris, managing Solaris, Linux and Windows servers, IT area responsable.

2013–Present   **Network architect**, ARIC studio medico diagnostico, Via Giambattista Pergolesi, 13, 10154 Torino, Italy.
Medical images processing, cabling new office network and built a remote assistance system.

Miscellaneous

2010   **Technical assistant**, Kunshan Chinita Food Co. Ltd, 118 Renmin Road, Kunshan, China.
Re-designed electrical, network and phone systems and computer manteniance.

2007   **Technical assistant**, Computer Quality s.r.l., Via Italia, 75, 10036 Settimo Torinese (Torino), Italy .
Technical assistance indoor and outdoor.

Websites

2014   **Ruby on Rails**, Giappichelli Editore, www.rivistadellaregolazionedeimercati.it.
Built magazine website, newsletter management.

2013   **Joomla!**, ARIC studio medico diagnostico, www.aricmedica.it.
Built the company website, mobile template, booking system.

2010   **Joomla!**, "Torino 19" Boy Scout Association, www.torino19.org.
Built the association website, managing contents, photos and videos gallery, mobile template.

2010   **DokuWiki**, Personal, michele.porelli.eu, porelli.eu.
Built a website about all the projects and software I carried out, IPv6 compatibility.

2009   **Joomla!**, Insieme per San Mauro, www.insiemepersanmauro.it.
Built a website for a local civic list.

School projects

2010–2013   **IT Area supervisor**, ISAAC Project, Politecnico di Torino, Corso Duca degli Abruzzi 24, 10129 Torino, Italy.
Making a robot able to play football and renewed laboratory infrastructure.

2008   **Research**, ITI Giuseppe Peano, Corso Venezia 29, 10147 Torino, Italy.
Built an home-made organic photovoltaic cell

Education

2011   **CCNA**, *Cisco Certified Network Associate*, *All exams passed with merit.*

Present   **Bachelor of Computer Engineer**, *Polytechnic of Turin*, Torino, Italy.

2003–2008   **5 years High School Degree**, ITI Giuseppe Peano, Corso Venezia 29, 10147 Torino, Italy.
Science and Technology High School

| 2008 | **PET**, *Preliminary English Test*, *Pass.* |
| 2008 | **ECDL**, *European Computer Driving License*, *All exams passed with merit.* |

Workshops

2013	**Techniques for embedded design**, *Milan, Italy*.
	Freescale seminary about embedded design for internet of things, automotive, industrial and networking
2013	**CITCON**, *Turin, Italy*.
	Continuous Integration and Testing Conference
2013	**Comfort technology**, *Politecnico di Milano, Milan, Italy*.
	Project and install the integration for the efficiency
2011	**Campus Party 2011**, *Granda, Spain*.
	Open source and robotics technology
2011	**Space**, *Politecnico di Torino, Turin, Italy*.
	3rd International Workshop on Verification and Testing of Space Systems

Social skills

2006–2007	Voluntary service at "Michele Rua's Disabled Centre" in Corso Cadore 20/8, Turin, Italy
1999–Present	Voluntary service at AGESCI an Italian Boy Scout association
2007–2010	Turin Linux Day organizing committee member: presentation, trainings, assistance for the software installation

Technical skills

Computer science

Operating systems	Linux, Windows, MacOS, *BSD, Solaris
Embedded platforms	Debian, OpenWRT, Android, OpenEmbedded, iOS and Windows Mobile
Virtualization	KVM, XEN, VirtualBox, QEMU, Parallels and VMware products
Networking	IPv4 and IPv6 protocols, DNS servers, VPN software, WEB servers, proxy and caching servers, PXE boot, SSH, FTP, DHCP, Samba NFS, AFP, iSCSI
Backup	rsync, Symantec Backup Exec, btrfs and ZFS
Databases	PostgreSQL, riak and MySQL
Clustering	Mosix, OpenSSI
Users managment	OpenLDAP, Kerberos, Active directory
VoIP	Asterisk and FreeSWITCH SIP servers
Programming languages	C, C++, Visual Basic, Ruby, Java, Bash scripting, Javascript, HTML, PHP, CSS
Web platforms	Joomla!, DokuWiki, Drupal
Management	Agile (kanban and scrum methods)
Miscellanea	LibreOffice, Microsoft Office, Gimp, Photoshop, LaTeX

Electronics

| Microcontrollers | Atmel ATmega (Arduino), Texas Instruments MSP430 and Stellaris |
| CAD | Eagle, Altium, KiCad, AutoCAD |

Languages

	Writing	Reading	Speaking	Listening
English	B1*	B2*	B1*	B1*
Italian		mothertongue		

using QCER notation

Interests

- Boy scouting
- Cooking
- Finance

- Homemade stuffs
- Climbing
- Photography