

# Michele Porelli

## Résumé

### Experience

#### Vocational

- 2010–Present **DevOps**, DOMOSETTE S.R.L., Via Sostegno, 65 bis/5, 10146 Torino, Italy.  
Built an innovative servers infrastructure using virtualization and designed internal network, developed various Linux powered embedded systems with GPRS and UMTS technology.
- 2013–Present **System Administrator**, SHOWBYTE S.R.L., Piazza Maria Teresa, 7, 10123 Torino, Italy.  
Managing Linux and Windows servers to serve local services of the advertising company and their customers websites.
- 2013 **Network architect**, ARIC STUDIO MEDICO DIAGNOSTICO, Via Giambattista Pergolesi, 13, 10154 Torino, Italy.  
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 maintenance.
- 2007 **Technical assistant**, COMPUTER QUALITY S.R.L., Via Italia, 75, 10036 Settimo Torinese (Torino), Italy .  
Technical assistance indoor and outdoor.

#### Websites

- 2013 **Joomla!**, ARIC STUDIO MEDICO DIAGNOSTICO, [www.aricmedica.it](http://www.aricmedica.it).  
Built the company website, mobile template, booking system.
- 2010 **Joomla!**, "TORINO 19" BOY SCOUT ASSOCIATION, [www.torino19.org](http://www.torino19.org).  
Built the association website, managing contents, photos and videos gallery, mobile template.
- 2010 **DokuWiki**, PERSONAL, [michele.porelli.eu](http://michele.porelli.eu), [porelli.eu](http://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](http://www.insiemepersanmauro.it).  
Built a website for a local civic list.

#### School projects

- 2010-2013 **IT Area supervisor**, 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 **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

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## 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-Present Turin Linux Day organizing committee member: presentation, trainings, assistance for the software installation

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## Tecnical skills

### Computer science

- Operating systems Linux, Windws, 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 and NFS servers, 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
- Programing languages C, C++, Visual Basic, Ruby, Java, Bash scripting, HTML, PHP, CSS
- Web platforms Joomla!, DokuWiki, Drupal
- Miscellanea LibreOffice, Microsoft Office, Gimp, Photoshop

### Electronics

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

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## Languages

- Italian **Mothertongue**
- English **Intermediate**

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## Interests

- Boy scouting
- Cooking
- Homemade
- Climbing