# Michele Porelli

*Résumé*

## Experience

### Vocational

**2014–Present** · **Consultant**, Consoft s.p.a., Via Pio VII, 127, 10137 Torino, Italy.
DevOps consultant, specialized in opensource and embedded devices.
- **DevOps, Testing Engineer** - Skylogic s.p.a. - a Eutelsat company (year 2014-2015)
  Continuous integration for satellite ISP product validation. Testing and implementation of new features.
- **Embedded Developer, DevOps** - Caretek s.r.l. (year 2014)
  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–Present** · **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 technology, following agile processes.

**2013–2014** · **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 maintenance.

**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.

### 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

*Via Casimiro Sperino 23/A – 10126 Turin – Italy*
**mobile** +39 349 0629825 • **phone** +39 011 19826751 • **email** michele at porelli.eu
**web** michele.porelli.eu • **linkedin** micheleporelli • **github** porelli
*current as of April, 2015*

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

## Workshops

2015 **Integrated Cybersecurity & Risk Management**, *Milan, Italy*.
Cyber risk, management and international laws

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 software installation

## Technical skills

### Computer science

| Operating systems | Linux, Windows, MacOS, *BSD, Solaris |
| Embedded OS | Debian, OpenWRT, Android, OpenEmbedded, iOS and Windows Mobile |
| Virtualization | KVM, XEN, VirtualBox, QEMU, UML, 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 |
| Data management | rsync, Symantec Backup Exec, btrfs and ZFS |
| Databases | PostgreSQL, riak, elastisearch and MySQL |
| Analysys | Splunk, logstash, kibana |
| 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*

Via Casimiro Sperino 23/A – 10126 Turin – Italy
**mobile** *+39 349 0629825* • **phone** *+39 011 19826751* • **email** *michele at porelli.eu*
**web** *michele.porelli.eu* • **linkedin** *micheleporelli* • **github** *porelli*
*current as of April, 2015*

## Interests

- Boy scouting
- Cooking
- Finance

- Homemade stuffs
- Climbing
- Photography

*Via Casimiro Sperino 23/A – 10126 Turin – Italy*
**mobile** *+39 349 0629825* ● **phone** *+39 011 19826751* ● **email** *michele at porelli.eu*
**web** *michele.porelli.eu* ● **linkedin** *micheleporelli* ● **github** *porelli*
*current as of April, 2015*