

Experience

Vocational

- 2015–Present *full-time* **DevOps, Integration**, DIGITARIA INTERNATIONAL S.A., 9, Avenue des Hauts-Fourneaux, L-4362 Esch-sur-Alzette - Luxembourg.
Responsible of U project systems integration and developer. Satellite infrastructure and datacenter maintainer.
- 2014–2015 *full-time* **Consultant**, CONSOFIT 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 *< '14 full-time*
> '14 freelance **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 *freelance* **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 responsible.
- 2013–Present *freelance* **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 *freelance* **Technical assistant**, KUNSHAN CHINITA FOOD CO. LTD, 118 Renmin Road, Kunshan, China.
Re-designed electrical, network and phone systems and computer maintenance.
- 2007 *internship* **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.rivistadellaregolazioneideimercati.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
- 2008 **PET**, *Preliminary English Test, Pass.*
- 2008 **ECDL**, *European Computer Driving License, All exams passed with merit.*

Workshops

- 2016 **FOSDEM.org 2016**, *Brussels, Belgium.*
Free and Open Source Software Developers' European Meeting
- 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
- 1999–2015 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, elasticsearch and MySQL
- Analysys Splunk, logstash, kibana
- Clustering Mosix, OpenSSI
- Users managment OpenLDAP, Kerberos, Active directory
- VoIP Asterisk and FreeSWITCH SIP servers
- Programming C, C++, Visual Basic, Ruby, Java, Bash scripting, Javascript, HTML, PHP, CSS languages
- Web platforms Joomla!, DokuWiki, Drupal
- Management Agile (kanban and scrum methods)

3D modelling and CAD Blender, BRL-CAD, AutoCAD

Miscellanea LibreOffice, Microsoft Office, Gimp, Photoshop, L^AT_EX

Electronics

Microcontrollers Atmel ATmega (Arduino), Texas Instruments MSP430 and Stellaris

EDA Eagle, Altium, KiCad

Languages

	Writing	Reading	Speaking	Listening
English	B2*	B2*	B2*	B2*
French	A1*	A2*	A1*	A1*
Italian	mother-tongue			

**using QCER notation*

Interests

- Scout
- Cooking
- Finance
- Traveling
- Homemade stuffs / DIY
- Climbing
- Photography
- Cultures and languages

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