
Experience

Vocational

- 2015–Present *full-time* **DevOps, System Integration**, DIGITARIA INTERNATIONAL S.A. - IMAGINATION FACTORY S.À.R.L., 9, Avenue des Hauts-Fourneaux, L-4362 Esch-sur-Alzette - Luxembourg.
Responsible of U project systems integration and developer. Satellite infrastructure and data center maintainer.
- 2014–2015 *full-time* **Consultant**, CONSOFT S.P.A., Via Pio VII, 127, 10137 Torino, Italy.
DevOps consultant, specialized in open-source and embedded devices.
- **DevOps, Testing Engineer** - SKYLOGIC S.P.A. - A EUTELSAT COMPANY (YEAR 2014-2015)
Continuous integration for satellite ISP devices validation. Testing and implementation of new features.
 - **Embedded Developer, DevOps** - CARETEK S.R.L. (YEAR 2014)
Improved medical smart watch 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.
- 2013–2016 *freelance* **Network architect**, ARIC STUDIO MEDICO DIAGNOSTICO, Via G. Pergolesi, 13, 10154 Torino, Italy.
Medical images processing, cabling new office network and built a remote assistance system.
- 2013–2014 *freelance* **System Administrator**, SHOWBYTE S.R.L., Piazza Maria Teresa, 7, 10123 Torino, Italy.
Migrating data center from Linux to Solaris, managing Solaris, Linux and Windows servers, IT area responsible.

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, Italy.
Technical assistance indoor and outdoor.

Websites

- 2016 **Ruby on Rails**, GGRANDE A.S.D.P.C.S, www.ggrande.it.
Soccer tournament website, including: enrollments, fee payments, matches calendar, ranking, etc.
- 2014 **Ruby on Rails**, GIAPPICHELLI EDITORE, www.rivistadellaregolazioneideimercati.it.
Magazine website, newsletter management.
- 2013 **Joomla!**, ARIC STUDIO MEDICO DIAGNOSTICO, www.aricmedica.it.
Company website, mobile template, booking system.
- 2010 **Joomla!**, "TORINO 19" BOY SCOUT ASSOCIATION, www.torino19.org.
Association website, managing contents, photos and videos gallery, mobile template.
- 2010 **DokuWiki**, PERSONAL, michele.porelli.eu, porelli.eu.
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 **Chemical research**, ITI GIUSEPPE PEANO, Corso Venezia 29, 10147 Torino, Italy.
Built an home-made organic photo voltaic cell

Education

- 2011 **CCNA**, Cisco Certified Network Associate, all exams passed with merit.
- Partial **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.*
- 2015 **Integrated Cybersecurity & Risk Management**, *Milan, Italy.*
- 2013 **Techniques for embedded design**, *Milan, Italy.*
- 2013 **CITCON**, *Turin, Italy.*
- 2013 **Comfort technology**, *Politecnico di Milano, Milan, Italy.*
- 2011 **Campus Party 2011**, *Granda, Spain.*
- 2011 **Verification and Testing of Space Systems**, *Politecnico di Torino, Turin, Italy.*

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 committee member: presentation, training, network

Technical skills

Computer science

- Operating systems Linux, Windows, MacOS, *BSD, Solaris
- Embedded OS Debian, OpenWRT, Android, OpenEmbedded, iOS and Windows Mobile
- Virtualization KVM, XEN, LXC, Docker, 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
- Analyze Splunk, logstash, kibana
- Automation Ansible, Chef, Puppet
- Clustering Mosix, OpenSSI
- Users management OpenLDAP, Kerberos, Active directory
- VoIP Asterisk and FreeSWITCH SIP servers
- Dev. languages C, C++, Visual Basic, Ruby, Java, Bash scripting, Javascript, HTML, PHP, CSS
- Web platforms Joomla!, DokuWiki, Drupal
- Management Agile (kanban and scrum methods)
- 2D/3D CADs Blender, BRL-CAD, AutoCAD
- Miscellaneous LibreOffice, Microsoft Office, Gimp, Photoshop, L^AT_EX

Electronics

- Micro controllers Atmel ATmega (Arduino), Texas Instruments MSP430 and Stellaris
- EDA Eagle, Altium, KiCad

Languages

	Writing	Reading	Speaking	Listening	Scale
English	C1 / 7.0	C1+ / 7.5	C1 / 7.0	C1 / 7.0	QCER / IELTS
French	A1 / A1	A2 / A2	A1 / A1	A1 / A1	QCER / DELF
Italian	mother-tongue				

Interests

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