

## Personal information

Name / Surname **Dotti Contra Alessandro**  
Address via Piana, 16 - 40127 Bologna (BO) Italia  
Personal Email [alessandro@dotticontra.org](mailto:alessandro@dotticontra.org)  
Nationality Italian  
Date of birth November 19th, 1972

## Work experience

Dates	01/2011 onward
Employer	Independent IT consultant
Sector	Networking, system administration and web
Main activities and responsibilities	Administration of Unix/Microsoft systems. Networks design, configuration and administration. Services tuning, auditing (performances and security) and hardening. Web applications development. Teaching of system administration and development topics.
Dates	02/2008 onward
Employer	Musicanti srl - Bologna (BO)
Sector	Communication and Events
Position held	CTO and web architect
Main activities and responsibilities	Responsible for the internal network, for the hosted customer services and for the technical infrastructure supporting events. Servers administration (in house and hosted), services monitoring and custom web applications development.
Dates	09/2009 - 12/2010
Employer	Servabit srl - Bologna (BO)
Sector	IT consultancy
Position held	System and Network administrator
Main activities and responsibilities	Network infrastructure consolidation and servers virtualization. High availability clusters configuration and administration, Linux servers and networking appliances (switches, routers, wi-fi access points, firewalls etc.) management. Design and implementation of efficient and reliable systems and services monitoring and disaster recovery solutions.
Dates	07/1998 - 07/2009
Employer	ASTER scpa - Bologna (BO)
Sector	Business consultancy
Position held	System and Network administrator
Main activities and responsibilities	LAN and servers administration. Installation, configuration and administration of Linux, Windows and MacOS systems; routers, switches, firewalls and wireless appliances management; HA clusters design and administration. Daily services monitoring (DNS, directory services, file and printer sharing, e-mail, web, FTP, VPN etc.) and periodical infrastructure audits to ensure quality of services and adequate security levels. Design and implementation of efficient and reliable systems and services monitoring and disaster recovery solutions.
Dates	09/1991 - 06/1999
Employer	Independent IT consultant
Sector	IT consultancy
Position held	Software developer, teacher, translator
Main activities and responsibilities	Custom DOS and Windows applications development. Teacher for basic and advanced courses about desktop computing and office automation. Translation of manuals and technical documentation.

## Education and training

Date	2009 onward
Certificate or diploma	-
Main topics and skills acquired	In-depth training on the key topics and technologies I run into in the different projects I've worked on.
Date	2007
Certificate or diploma	Web applications development with Ruby on Rails
Main topics and skills acquired	Design, development and deployment of Ruby applications based on the Rails framework.
Date	2006
Certificate or diploma	Advanced DBMS management
Main topics and skills acquired	DBMS optimization techniques and disaster recovery
Date	2005
Certificate or diploma	Advanced programming with PHP
Main topics and skills acquired	Advanced programming techniques to design, develop and deploy secure web applications.
Date	2004
Certificate or diploma	Attack and defend computer systems
Main topics and skills acquired	Analysis and security assessment (issues and vulnerabilities) of networks, systems and services. Mitigating actions.
Date	2002
Certificate or diploma	Clusters management
Main topics and skills acquired	Design and management of high-availability and high performance computing cluster systems.
Date	2000
Certificate or diploma	UNIX network administrator
Main topics and skills acquired	Installation, configuration and management of UNIX systems and networks.
Date	1999
Certificate or diploma	Windows NT network administrator
Main topics and skills acquired	Installation, configuration and management of Windows NT based networks.
Date	1991
Certificate or diploma	Computer programmer
Institute/School	ITIS O. Belluzzi - Bologna (BO)
Date	1986
Certificate or diploma	Cambridge First Certificate in English (FCE)
Institute/School	British School - Bologna (BO)

## Computer skills

Operating systems	Solid knowledge of Linux systems (Debian/Ubuntu/Slacware/Red Hat) and BSD variants (FreeBSD, NetBSD, OpenBSD). Good knowledge of MacOS.
Security	Daily usage of auditing tools for systems and networks; practical experience of systems hardening, secure services implementation and firewalls configuration. Good experience in managing PKI infrastructures.
Virtualization	Good knowledge of UNIX based virtualization tools: KVM/Qemu/libvirt, VirtualBox.
High Availability	Experiences in Pacemaker/DRBD HA clusters installation, configuration and management.
Networking	Long term experience with tcp/ip and appletalk networks and protocols, and in configuring and administering the following services (and the encrypted/signed counterparts as well): e-mail, news, DNS, Proxy, web, ftp, DBMS, file and printers sharing (SMB, appletalk, netatalk, samba, NFS), directory services (LDAP), VPN.

DBMS

Good knowledge of relational databases; experiences with MySQL, Postgresql, SQLite.

Programming languages

Solid experience with PHP, Python, Perl, Javascript, Unix shell. Good knowledge of Ruby, C/C++, SQL. Strong knowledge of XML, HTML and CSS.

Frameworks

Advanced knowledge of different frameworks for prototyping web applications, and javascript libraries to create dynamic web interfaces. Good knowledge of various libraries for desktop applications development.

Authoring tools

Latex and DocBook.

Application software

Good knowledge of office automation tools, graphic softwares and DTP applications.

## Languages

Mother tongue

### Italian

Other languages

*Self-assessment  
European level<sup>(\*)</sup>*

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

**English**

## Miscellaneous skills

Accustomed to team working and able to coordinate workgroups. Good copywriting abilities in both Italian and English languages.

## Hobbies and other activities

Musician for nearly ten years, I keep on enjoying my passions for music, reading and movies. I like to write short novels, and music and movies reviews. I achieved a diploma in journalism, played many sports at amateur level and devoted time to charity. I also like to repair and restore wrist watches.

Consent is granted, under the terms of the General Data Protection Regulation Reg. UE 2016/679, to process my personal data for communication and selection purposes.