

General Information

Date and place of birth	1971, May 25th, Cesenatico (Italy)
Nationality	Italian
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Profile

After a career stretching over fifteen years in the ICT industry, spanning several roles as system administrator, developer and infrastructure expert — with emphasis on ICT Security — I have developed the right expertise, great flexibility and the perfect know-how to face the various challenges each ICT field poses.

I started as a system administrator with a strong focus on Unix systems and Internet infrastructure. I also did stints as a software designer on projects that could take advantage of my skills in internetworking and system integration. I then shifted my focus to network security and business continuity issues, gaining solid experience and technical worthiness.

Periods as an entrepreneur and being self-employed have forged my propensity for goal-oriented work and my prowess in managing projects of all sizes. I have learnt to defy challenges by splitting up problems into smaller, more manageable units. This allows me to keep in perspective and delegate with confidence. Alongside with a natural disposition to communication, a cheerful but firm character and trustworthiness, this gives me an excellent aptitude for leading roles.

Last but not least, my career is founded on my own personal values: loyalty, trustworthiness and sharing knowledge. That's why I am well-versed in Free Software/Open Source Software philosophy and a long-standing active member of several communities.

Career Highlights

- Co-founder, CTO of an ISP firm. Served on the Board of Directors.
- Designed and developed several network/security solutions using best-of-breed, industry standard products and technologies.
- Designed and developed a platform for automated network/application vulnerability scans. Managed and ran several vulnerability assessment and penetration tests for selected customers.
- Designed and co-developed a web-based interface to a legacy CRM/e-Business software solution.
- Held several courses, speeches and lectures about networking and network security.

Technical Skills

ICT security

My expertise in ICT Security is founded on a very broad and in-depth knowledge of the standard TCP/IP protocol stack, application protocol suite (HTTP/HTTPS, SMTP, BIND, LDAP, POP, IMAP, FTP) and most other standard protocols, along with their main implementations on both Unix and Microsoft Windows platforms.

I have extensive knowledge and experience of the most relevant methodologies and technologies, and of best-of-breed, industry standard hardware and software solutions.

I have a good understanding of the theory of cryptography and a working knowledge of the main cryptographic protocols and implementations.

Networking/internetworking

I have significant knowledge and experience of network design, implementation and troubleshooting issues. I am familiar with the most widespread products and technologies, and have designed and managed several LAN and WAN environments.

System administration

I've been managing Unix and Microsoft Windows systems during most of my working experience. I have a very good knowledge of most Unix Flavors, among which GNU/Linux, *BSD (including Mac OS X), Solaris, HP-UX. I am proficient in the main scripting languages.

Programming

Though I've never been interested in a career in software development, I can claim a structural knowledge of most programming languages and methodologies, and have done professional programming work.

I have designed and developed a software platform for automated network/application vulnerability scans, a web-based interface to a legacy CRM/e-Business software solution and several other software components.

I have worked with most industry standard database engines, both as a programmer and for basic administration tasks.

I have also dealt with system programming, mostly for troubleshooting purposes.

Job Experiences

Start/End Date January 2008 – March 2009
Employer eResult (ICT)
Position/Title *Senior ICT Specialist (Contracted)*

Main Responsibilities and Achievements Second Level support engineer, **Team Operations** (Factory IT Applications, Business Intelligence, QA) at Intertaba SpA (a **Philip Morris International** affiliate).
Interaction with HP OpenView Service Desk 4, a IT service desk solution based on the IT Infrastructure Library (ITIL) framework.

Relevant Technologies and Products Custom factory applications and PMI corporate tools
SAP Business Objects XI
Microsoft SQL Server 2005
Microsoft Windows Server 2005/2008
Labware LIMS
HP OpenView Service Desk 4

Start/End Date January 2005 – December 2007
Employer Asternova (networking/internetworking)
Position/Title *Owner*
Network Security Specialist

Main Responsibilities and Achievements **Senior System Administrator, Networking/Security:** design and implementation of network perimeter security systems (firewall, IDS) and Intranet/VPN networks.

Senior System Administrator: design and implementation of LAN/WAN networks for the delivery of value-added services on the Internet. Design and implementation of *back-office* solutions: mail/groupware servers, web application/RDBMS servers, proxy servers.

Pre-sale and post-sale support to customers.

Management of contracted personnel.

Relevant Technologies and Products Check Point Software Technologies
Cisco Systems
HP Networking

ZyXEL Networking
Microsoft OSs and software platforms
GNU/Linux OS, Free/Open Source software solutions

Start/End Date February 2002 - October 2004
Employer **VEM Sistemi S.p.A.** (networking/system integration)
Position/Title *Network Security Specialist*

Main Responsibilities and Achievements **Senior System Administrator, Security:** management and deployment of *security audits* for selected customers; design and implementation of network perimeter security systems (firewall, IDS) and Intranet/VPN networks.

Design and development of **net.safe**, a hosted service for automated network/application vulnerability scans, based on J2EE and F/OSS tools on GNU/Linux. The component has been integrated into **myVEM**, a legacy solution for Remote Network Management, and is marketed to date.

Pre-sale and post-sale support to customers.

Consulting on ICT security issues.

Management of junior sysadmin resources.

Courses on security and TCP/IP networking.

Relevant Technologies and Products Check Point Software Technologies
StoneSoft Network Security
Cisco Systems (PIX OS, IOS)
Internet Security Systems (ISS, now IBM)
GFI Software

Java 2 Enterprise Edition Framework
GNU/Linux Operating System
Free/Open Source network security/scan tools (nmap, Nessus, snort, wireshark, Nikto and others)

Links <http://www.vem.com>
http://www.vem.com/NM_netSAFE.html

Start/End Date March 2000 - January 2002
Employer **Harvard Group S.r.l.** (software development)
Position/Title *R&D Division*

Main Responsibilities and Achievements **Senior Developer:** design and co-development of **DB.Web**, *e-business* web interface to **DB.Win**, Harvard Group's legacy CRM software solution. The product is marketed to date.

Management of junior developer resources.

Senior System Administrator: co-design and co-development of the deployment system for **DB.Web**. Installation and maintenance of several UNIX and Wintel production servers.

Relevant Technologies and Products PHP 3, PHP 4
HTML/CSS
Javascript/ECMAScript
INFORMIX RDBMS
GNU/Linux OS and tools
Microsoft Windows Server OSs

Links <http://www.harvard.it>
<http://www.harvard.it/prodotti/dbweb/index.html>

Start/End Date 1996 - 2000
Employer **Romagna Networks** (networking/internetworking)
Position/Title *Freelance Consultant* (self-employed)

Main Responsibilities and Achievements **Senior System Administrator:** design, development and management of ICT infrastructures for the delivery of value-added services on the Internet: WAN routers, AAA services (TACACS, Radius), Remote Access services (RAS), Domain Name System (DNS), web and application servers, mail servers, RDBMS servers.

Doing contract work for the main local ISP and network integrator firms.

Consulting on ICT security issues.

Relevant Technologies and Products Cisco Systems
Hewlett-Packard HP-UX
Various GNU/Linux and Microsoft OSs, tools and applications

Start/End Date 1995-1996
Employer **Link S.r.l.** (Internet Service Provider)
Position/Title *Co-founder; CTO*

Main Responsibilities and Chief technology officer.
Member of the Board of Directors.

Achievements **System Administrator:** design, development and management of ICT infrastructures for the delivery of value-added services on the Internet: connectivity routers, AAA services (TACACS, Radius), Remote Access services (RAS), Domain Name System (DNS), web and application servers, mail servers, RDBMS servers.

Web application development.

Management of junior resources.

Relevant Technologies and Products Cisco Systems
Various Unix and Microsoft OSs, tools and application software platforms

Start/End Date 1994 - 1995
Employer **Direzione Generale del Personale Militare dell'Aeronautica (DGPMA)**
Ministry of Defence - Italian Air Force
Position/Title *Assistente Tecnico Informatico (ATI)*

Main Responsibilities and Development and maintenance of software for the management of conscripted personnel.

Achievements
Relevant Technologies and Products Informix RDBMS
Informix ESQ/C
Informix 4GL
C/C++
Convergent Technologies (now Unisys) CTIX Unix

Collaborations/Affiliations

Start/End Date December 2001 – Present time
Organization **S&T Collaborium** - the Science & Technology Collaborium Initiative
Activity Preparation and tutoring of courses:

8-12 March 2004
FOSSREC, Free and Open Source Software Resource Center,
Software Foundation for Africa
Africa's Open Source Training On OPEN SOURCE AND WEB TECHNOLOGIES
Accra, Ghana

December 2001
CREDIS, Distance Learning Department, University of Bucharest
Introduction to Linux OS
Bucharest, Romania

Links <http://www.collaborium.org>
<http://www.ghana.net/fossrec>
<http://www.credis.ro/en>

Start/End Date 2004 – Present time
Organization **S.P.R.I.Te. Cesena**
Security Day / Linux Day
Activity Lecturer at Security Day since first edition in 2004.

Lectured topics:
2004: Cryptography: history, theory, implementations
2005: Cryptography in e-mail messages
2006: `encfs`: an introduction and some examples

Education

- high school of Scientific studies (Liceo Scientifico Statale): diploma
- University of Bologna - Computer Science: undergraduate

Languages

- Italian: mother tongue
- English: fluent
- French, German: basic conversational

Availability and other information

- Usually available on mobile during working hours (CET)
- Notice period: none
- References available upon requests; disclosure of details may be prone to signed NDAs.
- LinkedIn profile, with notes and recommendations from customers, colleagues and coworkers, available at the following URL:

<http://www.linkedin.com/in/andreucci>

- Up-to-date versions of this document in English and Italian language at the following URL:

<http://andreucci.com/cv>

Interests

- Music, music production
- Cognitive sciences
- Running