

Curriculum Vitae

PERSONAL INFORMATION

Andrea Capriotti

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Sex Male | Date of birth 12/12/1968 | Nationality Italian

JOB APPLIED FOR

Cloud System Development

Data Center Administrator

POSITION

Systems Architect - System Administrator

Systems Architect

PREFERRED JOB

System Administrator

Project Manager

STUDIES APPLIED FOR

Master Degree (5 years laurea) in Electronic Engineering

WORK EXPERIENCE

April 2003 - Present

Systems Architect - System Administrator

Cineca, via Magnanelli 6/3, 40033 Casalecchio di Reno, Bologna.

<http://www.cineca.it>

- Implementing DevOps principles in production and Continuous Integration/Continuous Delivery infrastructure (Git, Gitlab, Puppet and Foreman) with container based virtualization (Docker, Swarm and Consul)
- Manage physical and virtual server farm, focusing on GNU/Linux Debian, Red Hat, SUSE and IBM AIX Unix systems. Involved in Service Design and Transition phases of the infrastructure.
- Design, deploy, installation and management of GNU/Linux clusters for high performance and high availability computing

Business or sector Information and communications technology - High-performance computing

October 1999 - April 2003

System and Network Administrator

NextraTelenor (now Tiscali Business Services), Cagliari, Localita' Sa Illetta, S.S. 195, Km 2.300, 09123

<http://www.telenor.com/>

<http://www.tiscali.it/>

- Management of central systems (SUN, FreeBSD and GNU / Linux) and core, access and distribution routers of Nextra backbone (Cisco).
- Installation, configuration and control of ADSL, HDSL and CDN lines.
- Top Customer Support

Business or sector Internet service provider

January 1999 – April 2000

System and Network Administrator

Audison S.S. Regina KM 3,500 62018 Potenza Picena (MC) ITALY

<http://www.audison.eu/>

- Network and system manager for Audison: server Microsoft (Back Office Small Business Server), 50 clients with internet access via proxy server

February 1997 – April 2000

System and Network Administrator

Eu.Te.Co. SaS

- Consulting in the transition from Novell to Microsoft network (BackOffice Small Business Server) and Unix (GNU/Linux). Starting up a project to build an interactive website to sell consulting services offered by Eu.Te.Co

EDUCATION AND TRAINING

1990 - 1999

Master Degree (5 years laurea) in Electronic Engineering

Faculty of Engineering - Università degli studi di Ancona

- Thesis: "Next-generation Internet: protocols and performance".
- Qualification to the Electronic Engineering profession

1982 - 1987

High School degree

Liceo scientifico A. Orsini di Ascoli Piceno

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- very good communication skills gained through my experience as project manager and interfacing with the users and all other stakeholders in order to determine their evolving needs
- team spirit, work commitment and good negotiation skills gained as responsible for a GNU/Linux system and services support team
- extensive experience developing documentation, procedures, policies, technical manuals, software guides and instructions, executive briefings and presentations

Organisational / managerial skills

- leadership gained as member of the steering group that define technologies and resources to be used in the design of corporate IT infrastructure
- problem-solving attitude gained working in the daily operation of IT systems with high availability requirements

Job-related skills

- good knowledge of ITIL framework (certified on ITIL v3 Foundation 06/05/2010)
- certified on DRI (Disaster Recovery Institute) international qualifying examination 16/03/2011 (DRI ID #31184)

- Computer skills**
- excellent knowledge of free software and operating systems (open source). Official developer at Debian project (capriotti@debian.org). Advanced knowledge of Red Hat RHEL, SUSE SLES and most popular GNU/Linux distributions (Ubuntu, CentOS, Fedora, Slackware)
 - excellent knowledge of virtualization (VMware vSphere, ESXi, KVM), containerization (Docker, Red Hat Openshift), public (AWS, Google Cloud Platform) and private cloud (Openstack)
 - work experience in large datacenters (1000+ servers)
 - good knowledge of configuration management (Puppet, Foreman) and automating software deployment (Jenkins)
 - good knowledge of monitoring (Nagios, Monit, Collectd and Cacti) and logging (Elasticsearch, Logstash, Kibana) tools and technologies
 - good knowledge of web-oriented technologies (Apache, Apache Tomcat, Nginx, Varnish, Zope/Plone, Request-tracker, Drupal)
 - good knowledge of asset and inventory management (OCStInventory, GLPI)
 - good knowledge of high availability clustering (Pacemaker and Corosync)
 - good knowledge of high performance clustering
 - base level knowledge of Microsoft Windows Server operating systems
 - base level knowledge of Google Android mobile operating system
 - networking technologies:TCP/IP suite protocols (good knowledge of IPv6 additional features and IPv4 to IPv6 transition technologies)
 - programming languages : Perl, Bash Scripting
 - structured cabling design and installation (deploy of LAN and WAN, VPN / VPDN, IPsec). Installation and configuration of routers, hubs and switches. Infiniband networks
- Other skills**
- good command of office suite (word processor, spread sheet, presentation software) and project scheduling and management software
- Driving licence**
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