

CARMELO CRIVELLI

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Linux Sysadmin / Hadoop Technical Lead

..with many years of experience in Linux platforms administration and Unix middleware support engineer. Strongly interested to improve my current skills around DevOps area: automation, orchestration, provisioning, monitoring, blue/green deployment. Focused at the moment on tools like Puppet, R10k, MCollective, AWS, Git, Elasticsearch. Always open to new technologies and tools above all concerning Linux and Open Source.

SKILLS

*Operative Systems

Good skills and many years of experience with Linux platforms (Debian, RedHat, Fedora, CentOs, Mint, Ubuntu, Slackware, Suse, Backtrack).

HP-UX, AIX, Solaris platforms.

Windows 98 , 2000, XP and 7.

*Languages and Databases

Good skills in Python, Perl, Php, HTML5, CSS3, JQuery, JQuery Mobile, Java, JSP/servlet, Sql, Javascript/DOM, Xml, Json.

Responsive Web Design.

Advanced Unix Shell Scripting (bash, ksh, csh).

Good capabilities designing and mantaining databases as MySQL, Oracle, PostgreSQL, sqlite, DB2, Interbase.

MVC frameworks: Codeigniter, Zend, Struts

Android SDK

Basic skills in C and C++

*Linux Admin / services and tools

LAMP (Apache, MySQL, Php) systems, Tomcat, Jboss, Postfix, Dovecot, Roundcube, Amavis, Bind, Puppet, Munin, Ipvadmin, Idirectord etc..

*Develop and graphics tools

Eclipse, Aptana, Bluefish, Inkscape, Gimp, Darktable, Digikam

*Object Relational Mapping

Hibernate

*Networks and Security

Building and managing physical networks, cryptography (pgp/ssh/ssl/ipsec), firewall installation and configuration, VPN, DMZ, IDS. Pen test: Nmap, Nessus, Metasploit Framework.

Monitoring and logging tools: Iptraf, Tcpdump, Netstat, Syslogd.

Sniffing tools (both hub and switch networks) and countermeasures: Ettercap, Arpwatch. Etereal.

Knowledge of TCP/IP stack and main protocols.

*Social skills and competences

Ability to work in multi-task and fast pace environments with good team integration and strong communication skills.

WORK EXPERIENCE

Aleron Security @ Sydney , Australia - www.aleron.com.au **2014 January 06 - Present**
(IT Security Company)

Linux SysAdmin / DevOps Engineer

Linux System Administration on RedHat, CentOS, Debian, Ubuntu.

Building automated and provisioned infrastructures on AWS.

Experience with Puppet, Hiera (yaml and encrypted yaml), Cloud-init, Elasticsearch/Kibana.

Hadoop/Cloudera clusters installation, configuration, performance analysis and tuning.

Security IT Consultant at Westpac Bank.

Intesa Sanpaolo Bank @Milano, Italy - www.intesasanpaolo.com **2008 July 07 - 2013 April 17**
(one of the major banking groups in the euro zone)

Unix-Linux System Engineer and Analyst Programmer as Primeur consultant - www.primeur.com

System administration on Linux (Debian, CentOS) platforms.

Middleware support on Solaris, HP-UX, AIX and windows platforms.

LAMP stack deployment and maintenance (Linux, Apache, MySQL, PHP) , services monitoring (Munin, Icinga/Nagios), performance analysis and tuning.

Puppet experience for system configurations, in Master-Agent mode.

File transfer application installation/integration/configuration, custom procedures develop (advanced shell scripting using bash, ksh, php scripting) and automation using crontab, autosys or IBM TWS schedulers.

Load balancing experience using ipvs and ldirectord.

Develop and maintain small web Php and Java applications (HTML5, JQuery, CSS3).

System test and production software releases and testing.

Other products used: Oracle Databases; JBoss/Tomcat application server; Clear Case code repository; IBM Websphere MQ.

Intesa Sanpaolo Bank @Milano, Italy - www.intesasanpaolo.com **2009 March 01 - 2011 April 27**
(one of the major banking groups in the euro zone)

HP Products Developer and Support as Primeur consultant - www.primeur.com

Script develop to monitor web applications performances.

HP BAC Support (Business Availability Center), HP VuGen script development (Virtual User Generator, LoadRunner) and QTP scripting (HP Quick Test Professional), HP BPM (Business Process Monitor).

Fastweb S.p.a. @Milano, Italy - www.fastweb.it **2007 April 01 - 2008 June 20**
(the largest alternative fixed-line telecommunications provider in Italy)

Unix Application Support as Zeropiu consultant - www.zeropiu.com

Unix support on linux and solaris platforms, advanced shell scripting, Java-PL/SQL applications support, MySQL and Oracle databases.

Pre-production and production weekly/infra-weekly software releases and testing.

Zeropiu @Milano, Italy - www.zeropiu.com **2006 Oct 10 - 2007 Aug 31**

Java Web Developer for "Comune di Napoli", project name: D.P.S. Tool

Technologies and languages used: Java(JSP/Servlet), MVC frameworks struts based, CSS, DOM, Javascript, Hibernate, Tomcat, Apache, MySQL5 DB.

Subversion code repository experience.

Integration with CA Siteminder product for authentication and access management.

Leadercom s.r.l @Palermo, Italy

2005 Aug 15 - 2006 Aug 15

Php/MySQL Developer

Web management software design, develop and maintenance.

Catania University Residence "Alcantara" - www.arces.it

2005 Mar-Dec

Teacher for the following courses:

"GNU/Linux Networking" (college/under graduating students)

"Web Programming" (comprehensive school students)

Caltanissetta Linux User Group - www.clug.it

2004 - 2005

C.L.U.G Member, no profit organisation.

We organized Linux Day 2004 e 2005 events, I personally held the following workshops:

"Sniffing/Net - hub and switch LAN sniffing" : traffic sniffing and analysis in an Hub LAN and in a Switch LAN. Practical demonstration and countermeasures.

"Digital Rights and Palladium" : Palladium critical reflection, last technology against digital rights. Next future people wait for, but ignore it. Palladium, what is. Who wants it. Who not and why.

EDUCATION

Computer Science Graduated at Catania University

2001 Oct 10 - 2006 July 26

Scientific High School qualification

1996 - 2001

HOBBIES

Motorbike Riding, Photography, Surfing, Scuba Diving, Tennis

~ References Available on Request ~