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Synopsis

Born in 1973, and having graduated in 2000 in Computer Engineering (MSc) at Politecnico di Torino and the following year having been admitted to the professional association of the engineers of the Province of Torino, since 1996 I have been working as a freelance/independent consultant for government organizations and companies in Italy and abroad, mostly on projects related to the analysis and development of Free Software based systems, mainly in the macro-area of GNU/Linux system programming and web applications.

Main professional experience

- 2009: collaborated in the study of processes and tools for client/server mobile applications (Dipartimento di Automatica e Informatica del Politecnico di Torino);
- 2005 - 2009: intensively modified the core of Joomla! and other activities as a UNIX/web senior analyst and developer (CSI-Piemonte);
- 2000 - 2006: taught 1,136+ hours of GNU/Linux related courses (CSEA ScpA, CSI-Piemonte, RAI, Regione Lombardia, Regione Piemonte, SCAI SpA, TNT Global Express SpA);
- 2004: developed a sg-based user space Linux driver for the Olivetti PR6 printer (Gruppo Poste Italiane SpA);
- 2003:
 - collaborated in the customization of a large-scale software installation tool for GNU/Linux servers (TNT Global Express SpA);
 - International project (I, USA): modified a part of the immunochemistry software of the QNX based Immage 800 (Beckman Coulter Inc.);
- 1999 - 2001:
 - International project (DK, I, UK): analysis and development of the web server of the post doc microelectronics courses of the European Union (CoREP / Politecnico di Torino).

Publications and the like

- 2009: contributed to the book "Il software libero in Italia"¹;
- 2001, 2003, 2009: contributed to GNU Scientific Library Reference Manual²;
- 2000, 2007: interviewed by Italia Oggi, Radio Radicale, Top Trade Informatica;
- 2004: knopILS 0.7 (CD-ROM sponsored by Ergo for Linux Day 2004);
- 2003:
 - knopILS 0.4 (CD-ROM sponsored by IBM for Linux Day 2003);
 - knopILS 0.3 (CD-ROM attached to Linux Pro (magazine) - September 2003).

Main contributions to international Free Software projects

- 2006 - 2010: wrote "trivial hacks"³: a set of small plugins for DokuWiki, Google Maps, Joomla, jQuery, WordPress and others, mostly LAMP or AJAX based;

1 <http://yoc.to/2R> - ISBN 978-88-88865-76-8

2 <http://www.network-theory.co.uk/gsl/manual/> - ISBN: 0-9546120-7-8

3 <http://perassi.org/tag/trivial-hacks/>

- 2008: developed oid⁴: a GNU GPLv3 fork of the JanRain OpenID server that manages passwords according to the Italian law (Decreto Legislativo 196/2003, Allegato B).
- 2007:
 - wrote tm8003lmi⁵: a document which describes how to install KNOPPIX Debian GNU/Linux on Acer TravelMate 8003 LMi (2004 - 2005, 2007);
 - developed tableXML⁶: a Joomla! component which manages tables as XML files (2006 - 2007);
- 2006:
 - contributed to The Honeynet Project with bup⁷: an updated and improved version of the Chuvakin's bash syslog patch that is listed on the FSF/UNESCO Free Software Directory (2003 - 2006);
 - contributed (with special mention) to Securing Debian Manual⁸ (2002 - 2006);
 - wrote tkp⁹: trivial janitor patches mostly merged in Linux (2003 - 2006);
- 2005:
 - developed knopILS¹⁰: a Free Software only localized KNOPPIX (2003 - 2005);
 - contributed to the GSL¹¹ as a minor author (2001 - 2005);
 - developed libsgc¹²: a library to manage sg Linux driver (2004 - 2005);
- 2004: contributed to L7-filter¹³.

Extras

- Charter member and Board member of WOW SpA¹⁴ (2008, -);
- technical consultant for the Court of Pinerolo (2005, -);
- member of the professional association of the engineers of the Province of Torino (2001, -);
- Charter member of Nascor Srl (2007 - 2010);
- director and councillor of Italian Linux Society¹⁵ (2002 - 2008);

4 <http://nascor.it/sw/>

5 <http://www.linux.it/~carlo/somehacks/tm8003lmi/>

6 <http://tablexml.nascor.it/>

7 <http://www.linux.it/~carlo/somehacks/bup/>

8 <http://www.debian.org/doc/manuals/securing-debian-howto/>

9 <http://www.linux.it/~carlo/somehacks/tkp/>

10 <http://knopils.linux.it/>

11 <http://www.gnu.org/software/gsl/>

12 <http://libsgc.sourceforge.net/>

13 <http://l7-filter.sourceforge.net/>

14 <http://wow.pe/>

15 <http://www.linux.it/>