Nicola Fontana
Curriculum Vitae

Work experience

JULY 2007 – PRESENT

eNTiDi software, Rovato
Management and development

Development of automation software for the industrial sector: configuration front-end in C with user interfaces based on GTK+, web applications and sites on LAMP platforms built up over the SilverStripe framework, control programs and remote supervisors in Lua on GNU/Linux platforms.

JANUARY 2002 – JUNE 2004

TEMA s.r.l., Travagliato
PLC Omron development

Development and testing of software for automatic and semiautomatic machineries for ribbon winding on spools and rolls (safety belts, hook-and-loop tapes, elastic ribbon and bindings). Designing of electrical schematics on 2D CAD and drafting of user manuals.

OCTOBER 1998 – NOVEMBER 2001

TWINS s.r.l., Sarezzo
PC and PLC Siemens development

Programming, installation and testing of transfer machineries for assembly, adjustment and test of gas taps. Development and installation of PC based test stands for pneumatic and hydraulic leakage tests on valves, gas regulators, electrovalves, tanks and other mechanical parts.

SEPTEMBER 1996 – SEPTEMBER 1998

Elettronica EFFE-GI s.n.c., Cazzago
PC and PLC Hitachi development

Development for automatic and semiautomatic machineries in general, here included the design of electrical, pneumatic and hydraulic schematics on 2D CAD and the PLC programming. Implementation of configuration and logging front-ends over RS232 serial buses between PC and PLC in BASIC first, Pascal and C after on MS-DOS based platforms.

JANUARY 1994 – JUNE 1996

Seven Diesel s.p.a., Rovato
Engineering department director

Planning of nozzles for diesel engines and production engineering. Upgraded the management software by implementing a system for data handling and automatic drawing generation in DXF by leveraging the SuperBase 95 RAD tool.

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Education

1988 – 1992	**Informatic engineer** HIGH SCHOOL DIPLOMA *ITIS Castelli, Brescia*
1987 – 1988	**Classical gymnasium** *Seminario vescovile, Cremona*

Public projects

2014	**lv-canopen (dev.entidi.com)** *CANopen stack for LabVIEW masters*
2013	**silverstripe (silverstripe.entidi.com)** *Themes and extensions for SilverStripe*
2012	**ntdisp (ntdisp.entidi.com)** *Embedded devices programmer*
2007	**tip (tip.entidi.com)** *PHP framework based on PEAR*
2006	**adg (adg.entidi.com)** *Automatic drawing generation*
2006	**gtk2panel (gtk2panel.entidi.com)** *Top panel menu in GTK+2*
2004	**ntd (sourceforge.net)** *General purpose libraries*

Communication skills

ITALIAN	Native speaker
ENGLISH	Oral: fair – Written: good
SPANISH	Oral: good

Software skills

GOOD	C, PHP, HTML, CSS, autotools, git, gcc, GTK+/GObject, shell, Linux, G-Code, Lua
INTERMEDIATE	FreeBSD, MS-DOS, LaTeX, MySQL, VBA, cuBasic, ladder, pascal, LabVIEW, Javascript
BASIC	Windows, OpenIndiana, subversion, Postgres, Erlang, Forth