Srinivas Upadhya
Curriculum vitae

WORK EXPERIENCE

JULY 2007 – PRESENT

eNTiDi software, Travagliato
Management and development

Software development for the industrial automation sector: configuration front-end in C with interface based on GTK+, web applications and sites on LAMP platforms grounded on the SilverStripe framework, supervisor programs in LabVIEW and remote system in Lua on GNU/Linux systems.

JANUARY 2002 – JUNE 2004

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

Development and testing of automatic and semi-automatic machines 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 user manuals drafting.

OCTOBER 1998 – NOVEMBER 2001

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

Programming, installation and trial of transfer machines for assembly, adjustment and testing of gas taps. Development and installation of PC based semiautomatic test stands for pneumatic and hydraulic leakage tests on valves, gas regulators, electrovalves, tanks and others.

SEPTEMBER 1996 – SEPTEMBER 1998

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

Development of automatic machines 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-end using RS232 serial communications between PC and PLC-based transfer machines in BASIC, Pascal and C.

JANUARY 1994 – JUNE 1996

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

Planning of nozzles for diesel engines and organization of production. Upgraded the management software by implementing a system for data handling and automatic drawing generation (in DXF) developed on 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

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 (ntd.entidi.com)** *General purpose libraries*

COMMUNICATION SKILLS

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

SOFTWARE SKILLS

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