Marco Milani, PhD

Personal information

Surname / First name	**MARCO MILANI**
Address	23900 LECCO (LC) **ITALY**
E-mail	mail@marcomilani.it
Web	www.marcomilani.it
VAT	IT02594450137
Nationality	Italian
Date and place of birth	Lecco, 06/21/1975
Gender	Male

Desired employment / Occupational field

Software analyst, Client-Server applications developer, Web Applications. Contract/consultant

Keywords

The keywords that best highlight my experience

DELPHI, C#, ASP.NET, SQL SERVER 2000/2005, INTERBASE, FIREBIRD, WIN32, WINFORM, WEB, CSS

ANALYSIS, REQUIREMENTS, PROJECT MANAGEMENT, AGILE, EXTREME PROGRAMMING, NUNIT, DUNIT

CODE GENERATION, APPLICATION FRAMEWORKS

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Since 2002

Main partner, general manager and developer

- Business manager
- Team leader
- Technical Chief Evangelist
- Developer (C#, ASP.NET, Delphi, Firebird/Interbase, SQL server)

Directly involved in development of:

- banking web applications
- client-server applications for mass-printing management
- client-server applications for production management
- automatic generation of code and application frameworks

Name and address of employer	IdeaTech s.r.l. – Lecco
	www.ideatechsrl.com/CompanyPresentationEN.pps
	www.ideatechsrl.com/CompanyPresentationEN.pdf
Type of business or sector	Information Technology

Dates	2001-2004
Occupation or position held	Electronic Engineer Consultant
Main activities and responsibilities	Hardware and software Designer for domestic automation (smart-home)
	• Electronic boards design
	• R&D in home devices automation
	• System design for automatic cooking in ovens
	Software Designer for surgical beds
Name and address of employer	OikiTech srl –Novara
Type of business or sector	Home automation

Dates	2000/06-2001/01
Occupation or position held	Employee – R&D Digital systems
Main activities and responsibilities	Design of solutions for Digital systems in Base stations for UMTS-2000 (3G Mobile communications)
Name and address of employer	Marconi Communications – Genova
Type of business or sector	Mobile communications

Dates	1994-2002
Occupation or position held	IT Consultant
Main activities and responsibilities	Consultant as Analyst and designer in custom software development
Name and address of employer	Various
Type of business or sector	Information Technology

Dates	1994-1998
Occupation or position held	Desktop publishing consultant
Main activities and responsibilities	Design of Layout and paging of multilanguage user manuals
Name and address of employer	Multiservice s.a.s –Lecco
Type of business or sector	Interpreters and tranlation Agency

Dates	2005-2007
Occupation or position held	Teacher and assistant
Main activities and responsibilities	Classroom exercises for the course "Fondamenti di elettronica" (Electronics course) - Prof.A. Ielmini
	Exams
Name and address of employer	Politecnico di Milano
	Exams writer and examiner
Type of business or sector	University

Dates	2002-2005

Occupation or position held	Teacher and assistant
Main activities and responsibilities	Classroom exercises for the course "Fondamenti di elettronica" (Electronics course) - Prof.A. Spinelli
	Classroom exercises for the course "Fondamenti di elettronica" (Electronics course) - Prof. Macchiarella
	Exams writer and examiner
Name and address of employer	Politecnico di Milano
Type of business or sector	University
Dates	2000
Occupation or position held	Teacher and assistant
Main activities and responsibilities	Classroom exercises for the course "Elettronica II" (Advanced Electronics course) - Prof.A. L. Lacaita
	Exams writer and examiner
Name and address of employer	Politecnico di Milano
Type of business or sector	University

Education and training

Dates	2001 - 2004
Title of qualification awarded	PhD in Electronic Engineering
Principal subjects/Occupational skills covered	Design of silicon integrated circuits (ST 0.35 micron CMOS technology)
	Analysis and design of radio frequency electronic systems: GSM, UMTS
	Design of advanced PLL (Phase Locked Loops)
	Writing of scientific publications
Name and type of organisation providing education and training	Politecnico di Milano
Dates	1994 – 2000
Title of qualification awarded	Electronic Engineer
Principal subjects/Occupational skills covered	Major lecturers: Mathematical Analysis I, II, III Physics I, II, III Computer science I, II Random processes and stochastic methods Databases Expert systems and knowledge science Signal theory Signal numerical processing Numerical methods System identification and data analysis Electronics I, II, III Electronic devices Electronic communications Instrumentation and electronic measures Microelectronics
Name and type of organisation providing education and training	Politecnico di Milano
Level in national or international classification	Master Degree cum **laude** (II level specialistic degree)

Dates	1989 - 1994
Title of qualification awarded	Computer science practised
Principal subjects/Occupational skills covered	Software development Design of assembler based systems Databases
Name and type of organisation providing education and training	A.Badoni Institute - Lecco
Level in national or international classification	Secondary school degree (grade 60/60)

Personal skills and competences

Mother tongue	**Italian**
Other language(s)	
Self-assessment	
European level (*)	
English	

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2 (good)	C1 (very good)	B2 (good)	B2 (good)	C1 (very good)

(*) Common European Framework of Reference (CEF) level

Social skills and competences	Ability in interpersonal communication. Public speaking ability.
Organisational skills and competences	Skills in team work organization and management. Project Management skills
Technical skills and competences Computer skills and competences	

	Computing/technical Skill	Expertise
Technical skills	Software Analysis	Advanced (>10 years)
	Electronic board design	Very Good (3 years)
	Integrated circuit design	Very Good (3 years)
	PLL design	Advanced (3 years)
	Network Plan and design	Advanced (5 years)
	Network security management	Advanced (5 years)
	Web and User Interface Usability	Very Good (5 years)
	Technical documentation	Advanced 15 years)
	Database design	Advanced (>10 years)
Programmin Languages	Delphi	Advanced (>10 years)
	C#	Advanced (>3 years)
	Matlab & Simulink	Advanced (>10 years)
	Pascal	Advanced (>10 years)
	SQL	Advanced (>10 years)
	SQL Interbase	Advanced (>4 years)
	Microsoft SQL Server	Advanced (>4 years)
	Microsoft Access	Advanced (10 years)
	PHP	Advanced (2 years)
	Ambiente .Net	Advanced (4 years)
	C++	Good (2 years)
	Visual Basic	Good (2 years)
	Python	Primitive (1 year)
Elec troni c orie nted tool s	VERILOG HDL	Good (<1 year)
	SPICE	Very good (>3 years)

Other	ELDO	Very good (>3 years)
	ANACAD	Very good (>3 years)
	MS-DOS	Advanced
	Windows 3.x,9x,NT, XP, CE	Advanced
	Solaris/Unix	Primitive
	Adobe PageMaker 6.5	Advanced
	Programmazione	Good
	Assembler Z80	Very Good
	Assembler 80x86	Very Good

Other skills and competences

- Guitar player at amateur level
- Developer of Trading systems and Stock analysis platforms

Driving licences

A: MotorBike
B: Car

Additional information

2004/09 Author of the scientific article **"Fast-Switching Analog PLL With Finite-Impulse Response"** published on IEEE Transactions on Circuits and System I

2004/07 Author of European Patent nr. EP1595453 - **"Automatic control method of baking food products in an oven, and automatically controlled oven"**