

CURRICULUM VITAE

Patocchi Lorenzo

Personal Information:

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Actual Job and positions:

- Cryms Manager
- DRS Ideé Suisse RTSI Radio TV broadcast internal communication consultant

Brief CV (with learning languages):

- 1979-1988 9 years mandatory school (I)
- 1988-1991 4 years electrician apprenticeship (I)
- 1991-1992 1 year pre-Tecnicum Bellinzona(I/F)
- 1993-1995 2 years first part of HTL/STS/ETS Biel/Bienne (D/F/I/E)
<http://www.hta-bi.bfh.ch/>
- 1995-1995 1 year practical Mecasoft Muralto (I/D/F/E)
<http://www.mecasoft.ch>
- 1995-1996 1 year last part of HTL/STS/ETS Biel/Bienne (D/F/I/E)
- 1996-2001 Tinext SA, Manno, Switzerland (<http://www.tinext.com>) as:
 - Chief R&D and new technologies
 - Java technology master reference and mentor
 - Project Manager
 - Software architect and developer
 - Web architect and developer
 - Database architect/administrator
- 2001-2003 Net 4 Business sagl, Manno, Switzerland (<http://www.n4b.ch>) as:
 - Chief Technology Officer
 - Strategic relationship and e-Communication solutions developer
 - Projects leader
 - SW developer
- 2002 Entrepreneur course by Rotary Club Lugano and ISFPF.ch:
<http://www.isfpf.ch/imprenditori>
- 2003- Radio Internal communication technical consultant for Swiss Italian and Television Broadcast
- 2003- CO-Founder Cryms sagl, co-manager

Languages:

- Italian (mother language)
- English (good spoken and written)
- French (very good spoken, less written)
- German (base knowledge)

Professional knowledge :

Programming

- Java technology: J2ME(since 2001), J2SE (since 1995), J2EE (since 1999), MRJ (Java for MacOS) /C/C++
- XML
- PL/SQL and standard SQL
- Various dynamic web technologies (JSP/HTML/DHTML/ASP/PHP/JavaScript/ColdFusion/Perl) MVC using Apache Struts technology
- Various scripting (sh/csh/tcsh, perl, make,...)
- Prolog
- Kroc(occam), Linda,PVM3
- X11/Motif/OpenWin
- Mathematica
- Pascal/Modula2/Basic

Operating systems

(ordered by skill)

- Generic UNIX, mainly Sun Microsystems technology (Solaris 2.x), HPUX, FreeBSD, Linux
- Windows (DOS; 3.x; 95/98; NT4.0/2000/XP)
- Symbian
- PalmOS
- NeXT
- MacOS 10.x/9.x

Specific skills

- Internet Service Provider Technical Administration
- Strategic Partnership and e-Communication Solution Developer
- Project architect and manager
- J2EE Developing technologies: XDoclet, MVC Struts, XML, Eclipse,
- Distributed Application architecture and developing (since 1994)
- Web application architecture and developing (Intranet, Extranet & Internet) (since 1996)
- UNIX system administration (since 1993)
- Multimedia streaming technology
- Database architecture and administration (since 1996), Oracle administration and development, MySQL management, MSAccess, MS SQL, Postgresql
- Artificial Neural Networks (2 years experience)
- Multimedia. Knowledge of different graphic, audio and video processing tools and procedures (since 1995)
- Network administration & Telecommunication. TCP/IP, routing, DNS, Firewall/NAT (since 1996)
- Transputers, parallel processing (1 year experience)

Specific programs knowledge

- Application servers J2EE: BeaWeblogic, Orion server, Jboss, IONA, JRun, Tomcat
- Web Servers for UNIX and Windows: Apache, Netscape, MS IIS
- Open source solutions management (bind, hylafax, qmail, openLDAP,...)
- Integrated Developing Environments Tools: Eclipse, IBM VisualAge for Java, Symantec, TakeFive SnIFF+, MS Developer Studio

- Databases: Oracle8/8i/9i, MS SQL, MySQL, Access
- Graphic tools: Photoshop, Real Networks tools, other
- Reporting tools: Jinfonet JReport 3.5
- Content Management Systems: various knowledge

Projects and accomplished tasks:

Informatics department manager, CERFIM (Research center for Mathematics and Physics), part time since 1995

- network administration for Sun/PC/Mac TCP/IP network
- software management and developer
- System administrator

OCR Project, semester project at the Engineering High School of Biel Bienne (1994)

- Optical Character Recognition based on artificial neural networks (back-propagation)
- a part of the project included image manipulation and processing
- developed in C language on Sun Sparc operating system

Milling-machine front-end applications programmer, practical at Mecasoft Muralto (1995)

- specific project for Lego Switzerland
- mill-program reprocessing
- schedule optimization and tool optimization for minimal time-wait of milling-machines
- developed in C language for HP-UX operating system
- the mill-program reprocessing is a particular dangerous task since because of wrong instructions it may cause serious damage to milling-machines

Informatics responsible/ Web designer and system administrator, VideoArt Festival Locarno (1995/96)

- simple network administrator for Mac AppleTalk network
- Web designer for the original VideoArt Festival of Locarno

jaNet a Java Neural Network Toolkit, final diploma project (3 weeks project, 1996)

- the project aim is to build a simple graphical Neural Network Toolkit application that simulates, tune and refine different type of neural networks in order to use in third party applications
- more details at the address <http://heiwwww.unige.ch/projects/janet/>
- developed in Java 1.0
- the project has been evaluated with 3 votes
 1. Systematic, creativity, innovation of technology, originality, teamwork, engagement, personal part: vote 6.0 over 6.0
 2. Problem resolution (problem and results quality, correct and complete presentation, subject competence): vote 6.0 over 6.0
 3. documentation clearness, work presentation, persuasion strength: vote 5.3 over 6.0

and has been awarded for the high result ambition.

Vertical data driven Web sites, Tinnet SA Manno, since 1996

- different project for dynamic data driven Intranet and Extranet Web sites
- developed with PHP, ASP,CFM, JSP, servlet on UNIX and Windows operating systems
- Used databases, Oracle, Access, MS SQL, MySQL
- Graphic development with HTML
- Some of them:
 - <http://www.scta.ch>
 - <http://www.minimotor.ch>

□ <http://www.informati.com>

Chief technical architect and developer for Ticino-Tourism.ch web portal, Tinet SA
1997/1999

- Ticino-Tourism.ch is a database driven and dynamic Web site that manage more than 20'000 touristic information of Ticino area (south Switzerland)
- the server part is developed in Java language with a Oracle database and the main task is to serve HTML pages based on remote user request and search
- the management is made by a remote standalone Java application that runs on MacOS and Windows platforms. A minimal management part is made via Web through an Extranet system and through a phone system
- whole system is managed remotely by 6 organizations and more than 500 privates (hotels, restaurants and private users that manage their own information)
- a key technical feature is the dynamic mapping and the easy extensibility of the objects in the relational database that permits the administrators to modify in any time the shape and behavior of the touristic objects without reprogramming
- the project has been designed and developed with 2 man resource in 24 months
- actually the site reach mote than 500'000 page view per month
- the site can be visited at the address <http://www.Ticino-Tourism.ch>
- whole system runs over a Sun Enterprise 450 server

Chief technical architect and developer for the International Film Festival of Locarno, Tinet SA 1999/2001

- the project provide management tools for 15'000 registrant people at the Festival.
- The application enable the management of registrant people's address, hotel placement, taxi transport, registration data, financial costs reports, communication management, group mailing via email or fax, badge printing, and common office tasks via a standalone Java application that runs on Windows and MacOS 9 clients
- Orion Application Server and Oracle 8i database runs on a Sun E220R
- dynamic publication of guest information and film program on the Web and WAP server
- a key technical feature is the dynamic mapping and the easy extensibility of the objects in the relational database that permits the administrators to modify in any time the shape and behavior of the objects
- the project has been designed and developed with 1 man resource in 24 months and is currently evolving

Project leader, Strategic Partnership and e-Technology solution developer for the International Film Festival of Locarno, Net 4 Business sagl 2001/2002/2003

- support and continuation of first part project
- consultancy of e-communication strategy, staff and business logic requirements and non-intrusive integration strategy into existing work flow
- provide and select key technology partners for the Film Festival's edition of 2002
- developed the software solution for the Festival's registrant people administration covering all aspects of e-communication (Fax, SMS, Email, PDA, Web) from the online registration, by the subject classification, by the badge printing, to the check-in procedure and finally the customer relationship management
- developed the central content manager and administration for the film catalog, last minute communicates and film schedule in order to publish paper catalog, official web site, PDA wireless catalog and RTSI Pardo Channel from one source.

J2EE 3rd party Application developer, Net 4 Business sagl 2002/2003

- Developing Web Services on J2EE technology using XDoclet, Struts, Eclipse, JBoss

Project leader, e-communication solution provider for the International Film Festival of Locarno, Cryms sagl 2003/2004/2005

- support and continuation of project

- development of content manager bound to various media channels.

SMS/WAP mobile communication framework for Swiss Travel Club miles program of Swiss Air Lines (CH) and Privilege miles program of FlySN (BE) , Cryms sagl 2003/2004/2005

- project managemet
- development of a J2EE middle layer communicating with AS/400 iSeries systems
- work-load autocontrolled system watchdog

Future professional wishes:

- Provide innovative technology and mental concept of viewing the wireless communication; mobile devices (PDA, cellular phones, multimedia), home automation, car automation
- Provide innovative technology in the science area; Artificial Intelligence in the Internet domain
- Work in a innovative R&D environment that promotes personal skills

References :

OCR Project supervisor:
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