

Curriculum Vitæ

version 4.1, December, the 10th, 2005

Personal profile

Name: Giuseppe Sacco
Date of birth: 19th December 1969
Place of Birth: Firenze, Italy
Nationality: Italian
Address: via Pio VII 130, 10127 Torino – Italia
Phone: +39 3480176055
E-mail: giuseppe.sacco@lixper.it

Profile

Software Architect and System Administrator.

Educational details

1998 University of Pisa, Computer science studies. Graduated on the 24th of April with a mark of 97/110. The thesis deals with the transformation of an object oriented database system – called *Fibonacci* – in a client/server architecture with a Java client (my supervisor was Prof. A. Albano.) In Pisa I attended courses about organization of large projects (*Tecniche speciali d'elaborazione*), computer graphics (rendering, user interfaces, graphics toolkits) and databases (relational and object oriented.)

1988 Scientific Certificate at the liceo magistrale *Luigi Stefanini, quinquennio sperimentale*, Venice.

Languages

Italian mother tongue, fluent French and good English

Work experiences

2005 Given two trainings at oracle to large companies, like Outokumpu.

2004-2005 Developed an application for “Optical Archiving” of data. This is a quiet large application, mainly developed in java, that stores digital data (images, documents, pictures) in a database and index them with many properties that will easy its retrieve. The application uses criptographic algorithms to secure data and drives directly both digital ID cards and scanners on Windows and Unix/Linux. For this project I used NetBeans as IDE.

2005 Partecipating at the Linux Day in Milano (Italy) giving a presentation on how to translate free software and how to manage a translation team.

2004-2005 Ported the “Sun Ray Server Software” to Debian GNU/Linux. I am leading a test project in moving a large company (more than 1000 users) to a *thin client* architecture using linux and requiring a minimal system administration on local offices.

2004 Migrated a multi-company software installation based on oracle 7 and HP-UX 10 to a new cluster with Oracle 9.2 and Debian GNU/Linux. The engine was writte in Oracle Forms 4 for Windows and hes been migrated to Oracle Forms 6 for Linux.

2003-2005 Created “Studio Associato Lixper” with three colleagues to operate in the unix world as

a consultancy company. Many projects have been developed during this period. Some of them were related to baan, system administration, linux, tuning, open source software, oracle, backup/restore, VPN. The list is rather long and I will not write it down in a CV. Moreover, in the "Studio Associato" context I had a role of administrator and sales representative.

2003 Started a project with KelyanSMC (a Franco Bernabè company) with OpenWorld and some bar code. This is rather different then the projects with BaaN since it is not MS-Windows base, but in pure Java. The solution uses OpenLDAP, Tomcat, Apache and OpenWorld. Cool!

2003 Translating the man-db program.

2003 Started a new work with BaaN Italy as Technical Project Manager. BaaN Italy has some implementation of OpenWorld – a new BaaN tools that make simple to communicate with BaaN – and barcode readers. One project is almost complete for a customer named Laserline (on baanERP) and a new one is just started for Nuova Bianchi (on baanIV.)

2002 Partecipated at the Webb.it in Padova (Italy) giving a workshop.

2002 Partecipating at the Linux Day in Milano (Italy) giving a Debian presentation.

2002 Started a new collaboration with Toro Assicurazioni. This company decided to install in every agency a Linux server meant to deploy as file server, fax server for sending and receiving, proxy server, authentication server and database server for the optical archiviati. For this I decide to implement everything with Open Source Software. Some agency required Oracle or Informix but the most were happy with PostgreSQL (in order to make this I had to work with the company that develop the archiving software to make it connect to PostgreSQL.) Now almost all of them are migrating to PostgreSQL.

2002 Complete rewrite of the italian translation of the Debian installation procedure.

2002 Starting a new collaboration Poliform. Poliform is a company that build furnitures for kitchen, located in brianza. They are managing a lot of orders and a lot of data in BaaN and Oracle. My position was to size the hardware for BaaN and Oracle on Sun hardware, install all software, tune oracle, define a implement backup policies, manage the exchange from baan and external software like PDM, label printers, Windows systems. After one year of succesfull operation, Poliform required to migrate to a newer hardware still from Sun. The migration was done from an Enterprise 4500 to a multi domain SunFire 4800.

2002 Started a new big project with BaaN Italy for Marconi Mobile. The Marcony company has splitted in Marconi Mobile and Marconi Communications. Since both were using BaaN then the complete environment has to be split. The landscape was of six HP machines running a cluster of BaaN on Oracle8 and storing data on an IBM SAN solution named Shark. In Marconi BaaN was communicating with many other software like Job scheduler, PDM, Technical Documentation Repository. In this project I had to be the software architect and technical project manager. The project ended successfully in november with a migration from the old system to the new one for Marconi Mobile.

2002 A six months project in FATA Group in order to assure a *fault tolerance* Baan system. That was done with automated backups using IBM ADSM solution and the Oracle RMAN sotfware.

2001 Partecipated at the Milan Linux Expo at the Debian booth. June.

2001 Designed a new solution for Marconi Mobile Customer Service. This new solution manage Calls to the Customer Service, Repair actions, client web acces, statistics, and everything a CS may need.

2001 Applied as a Debian Developer.

2001 Designed and implemented, for FATA Group, a complete set of automatic operations that a machine is able to execute in order to check many aspect of its integrity (file system, oracle

- log, zombie processes, backup log, cpu activity.)
- 2001 Made the oracle accessment test in order to obtain the DBA certification.
- 2001 Designed and implemented for Phoenix Contact a fax server that is actually used to send approx 120 faxes daily from baan to che customers. This solution is entirely based on open source software and had been very cheap to implement.
- 2001 Migrated a system baanIVc4 from service pack 5 to 7. This implied an analisys of all customizations in order to port all of them to the new level. (The customer is Phoenix Contact, Cusano Milanino.)
- 2001 Designed and implemented the backup policy for FATA Group, Turin. Backing up two baan and oracle systems and a network of workstations.
- 2001 Started to work as free lance.
- 2000 HSO: The latests work experiences shifted to the the outsourcing as system administrator for baan and web systems. About the web servers I manage a series of projects: hosting, tuning, development (ASP and PHP)
- 1999-2000 HSO: I had a project nine months long in France for General Trailers. This project has been on system maintainnace on baan with oracle on unix. There were many application servers and two database servers. Baan and Oracle were also part of a SUN cluster. It has been a very heavy project with more the 800 users and many developers too.
- 1999- HSO: started to manage the system administrators team.
- 1999- Started a collaboration with the *Debian/GNU Linux* distribution as coordinator of the italian translation for the web site. Actually this collaboration means that I have to assign new or modified pages to translators and check every translation; then move the translated pages on the CVS. I also translate/maintain a quite a lot of pages.
- 1999- Started a collaboration with the *diff* (<http://www.diff.org>) web magazine. There I write articles on databases on linux and on the SQL language in general. I also wrote an article on connecting the Apache web server to a database engine (PostgreSQL) via the PHP3 scripting language.
- 1998-1999 HSO: During this year I had a very long project as system administrator of the internal systems in Holland (Baan on HP Unix, Baan on Windows NT, Informix and MS-SQL server on Windows NT). This experience was not only related to the installation but also to the maintain of the systems. Peculiar aspects were: backup and restore politic, DBMS and baan performance tuning.
- 1998- Hired by HSO Business Systems, international technical support team. Here I had many experienses with the *baan* program, as system administrator on Unix (often SUN, IBM, HP), on MS-Windows NT 4.0, and with many database management systems (Oracle 7.3, Oracle 8, Informix, MS-SQL Server). The projects where in Italy, France, England, Sweden, Germany, The Netherlands. The administration task consisting in installing, maintaing, tuning, troubleshooting the complete system. In HSO I also spent mutch time teaching to developers and system administrators to HSO people, to customers, in BaaN. In 1999 I also had my baan certificate. From june 1999 I have been coordinating a group of system administrators.
- 1997-1998 University of Venice, dept. of Computer Science. I installed several Linux boxes with networking file system and remote printers. I used the Debian distribution.
- 1996 SIAS Multimedia Solutions, Pisa. I made a CD-I application and some parts of a ToolBook application. This is the new Telecom phone (audio and video.)
- 1991 I founded Agemo, an Italian company which aimed to be an oppportunity for many students to find a job and collect information about working on software or hardware.

1991-1997 Some friends of mine and I organized an Italian meeting of people interested in the Amiga Computer. This meeting is called IPISA (*Incontro dei Programmatori Italiani per lo Sviluppo di Amiga*) and has reached, during last edition, approx. 500 attendees.

1990-1994 I developed a visual tool to build graphical interfaces and generate the corresponding source code on the Amiga system.

1990-1992 *Cinemabilia*, a two years project for the CDTV platform on Cinema. It was a database application with data on movies, players, directors, musicians, posters and soundtracks. It was a low level C++ application not using the standard C++ library; it only used the Operating System.

Computer software

Lately I had long experience in XML/XSL using the Apache Tomcat. I also know many languages, like shell, C, Java, C++, Pascal and some Perl and Python. I had significant experiences with GNU tools (bash, gcc, gdb, emacs, make), LaTeX, X Window, rsync, cvs and other software. I also have a long system administration experience on Linux and Unix, specifically in shell scripting. Much of my work has been on GNU/Linux (often Debian), Solaris 8 and 9, AIX 4.3 and 5, HP-UX 10 and 11.

Special interests

While I am interested in the Web area, as probably everyone is, I feel that this will leverage the application client but is already complicating the server side. In this scenario it is rather important to write a lot of programs – often shell scripts – that check the sistem integrity and send alerts. Other intersted are photograph and bicycle. Both this interested are usually components of my holidays around the world.

Disclaimer

I give your company the rights to use my data according to the italian law 675/96.