

Via Cavour 160
00184 Rome,
Italy
P.I.:06450761009

Phone: +39.(0)6.488.32.31
Mobile: +39.329.96.98.350

stefano@codesink.org

Birth date: Nov 23, 1974

Stefano Barbato

Work Experience

3Bit SRL

Senior Software Engineer and Consultant

(last projects below):

- [C++, Linux, GCC, Autotools]
GPL Multiplatform MIME library, STL based, standards compliant, stateful loader, compile-time template codec chains, multiple input data source, support for rfcs 822, 2045, 2046, 2047, 2048, 2049
- [C PHP4 SQL, Linux PostgreSQL, GCC]
Multicast IP management for satellite system:
Handles and assigns IP multicast address when requested by satellite network
- [C, Linux, GCC]
HTTP Connection redirector/balancer: used to avoid TCP/IP incompatibilities between Linux and a custom embedded system TCP/IP stack and to balance incoming connection to N web servers
- [C++ ATL, Win32, VisualC++]
Development of COM objects to generate emails statistics and virus checking on MCIS (Microsoft Internet Commercial Server, based on NT)
- [Java, Win32, JDK]
Bug fixes and optimization of a custom web publishing application (Nettuno online university)
- [C++, Win32, VisualC++]
RasKey:
Win32 Remote Access authentication by crypted hardware key on parallel ports
- [ASP, Win32, LDAP]
Email Remote Administration Tool:
Web Application to allow outsourcing customers to handle their own email domain on the web

Shareware Application released to date
(www.inquare.com)

- [C++ XML Flex Regular Expr., Win32, VisualC++]
Bookstore Assistant (2001-2002):
It's a freeware program designed to make it easy for you to buy any book online at the very best possible price
- [C, C++, Win32, Borland C++ Builder]
Power Browsing Tools for Netscape (2000):
All-in-one full screen browsing, save with images capability, download manager, enhanced scrolling facility, etc.
- [C Delphi, Win32, VisualC++, Delphi]
Save With Images for Netscape (1998):

Adds a new menu item to Navigator's File menu that allows you to instantly save to disk a web page with all its images
- [C Delphi, Win32, VisualC++ Delphi]
Full Screen for Netscape (1997):
Full screen browsing add-on for Netscape 4.x
- [C Delphi, Win32, VisualC++ Delphi]
Flying Toolbars (1996):
Full screen browsing and automatic multi-engine search bot for Netscape 3.x

Certifications Brainbench (www.brainbench.com) -
Transcript No. 327618
(*): Master level

- C++ programmer (*)
- C programmer (*)
- Linux programming (*)
- Linux Administration (*)
- Perl
- PHP (*)
- Internet Security

Computer knowledge

OS:

Linux, NetBSD, CISCO IOS,
Solaris, Win9x/NT4, Win2k, MS
MCIS 2.x

Programming Languages:

C/C++, Object Pascal (Delphi),
Perl, Javascript, ASP, PHP, Asm
x86, Java, SQL, Bash

Development environments and tools:

GCC, GDB, KDevelop, make, Visual
C++, Delphi, Borland C++
Builder, JDK, SoftICE, CVS,
flex, bison

Networks:

Advanced TCP/IP knowledge,
network programming on Win32 and
on POSIX compliant systems (IPv4
and IPv6), high level internet
protocols (ldap, imap, smtp,
pop, http, etc.)

Other:

OOP Design, design patterns,
COM/DCOM, HTML, XML

Miscellaneous

Awards

- Top Ten Shareware Award - Windows Magazine
- Pc Magazine (Vol.16, No.7) - Internet Essential Utility
- Preston's Picks (ZDNet)
- Jesse Berst's AnchorDesk (ZDNet)
- Other minor awards

Computer related activities

Columnist for "Computer
Programming" (Italian edition)

Languages

Italian, English