

Niccolò Gallarati

Technology enthusiast, with passion for IT troubleshooting, digital marketing & communication and friendly user interfaces. Have self-learned experience in programming, web designing, hardware tweaking and maintenance, customer support. With driving license and passport. Willing to travel on business.

Contacts

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Work Experiences

07/2011-04/2013: IT Support Officer at European Commission, Joint Research Center

Principal duties include:

- General IT support (desktop & server management) - Management of unit's plotters, scanners, printers, and other hardware - Assist the unit staff members in day-to-day IT operations
- EDRMS support: - Assistance to the unit Records Manager in maintaining the Technical Archives, including its EDRMS system- In charge of Kofax and Cosign services – Support to end-users
- Verification of offers, contracts, invoices related to purchase or maintenance of IT equipment

Achievements include:

- Successful tender creation, management and finalization for a 30.000 € IT hardware purchase that led to 8.000€ savings Commission and a 70% shorter delivery time
- Successful implementation and installation of a next-generation meeting room IT equipment

01/2010-06/2011: System Administrator and Web Developer at an engineering firm in Milan, Italy

Principal duties include:

- Deployment and management of an Active Directory-based Windows 2008 Server platform, including essential services like: domain controller, file server, printer server, web server, security DVR, Internet connectivity and redundancy, off-line and on-line automated distributed backup system
- Purchase, deployment and management of SIP-based VOIP gateways, large format printers

07/2008-12/2009: Freelance IT Consultant and Web Developer

Achievements include:

- Successful Web application development for Alstom Power in collaboration with Conte Oggioni Partners. An on-line tool to collect data and pictures from the 200+ company facilities around the world in order to perform a global rebranding. The app was designed to support different platforms (Win, Linux, MacOS), unreliable connections (auto-save) and automated batch upload & resize
- Successful ad-hoc CMS built from scratch for "La Tribuna di Lodi" local newspaper (www.latribunadilodi.it) that features high PPI display support, back-end with different user permissions, tablet-friendly publishing tool with WYSIWYG editor and contextual help, PHP GD based picture batch upload crop and resize, blogs management, galleries management, DISQUS comments platform configuration and integration

09/2007-03/2008: Internship in Accenture, Consumer Goods & Services division, Milan

- Technology scouting and implementation of capacitive Arduino-based sensors and immersive HD projection using multiple projectors for a worldwide food company presentation
- Design and development of a next-generation executive level meeting room (C-Suite)

2004-2007: System Admin internship at an architectural firm in Milan

2002-2004: Graphics and web design at a leading Italian record label

Education

07/2008: Bachelor's degree in Communication Sciences and Technologies at IULM University, Milan. Thesis subject "IPTV deployment in Italy and abroad"

Foreign languages: Fluent English, basic Spanish knowledge

Other educational qualifications:

- English Course Level C2, Common European Framework, January 2013, British Institute
- General English course, Advanced level, August 2008, Dublin City University (DCU)

Skills

Experience in: scouting of new technologies and innovations – hw & sw device design and prototype manufacturing – servers, networking, VOIP systems, projectors deployment and maintenance – desktop PC build and repair – automated backup solutions – database-driven web sites and web applications – SEM campaigns – sw development – touch-enabled user interfaces

- System administration: Windows, Mac, Linux workstations, Windows servers and related services, Active Directory, IIS, Virtual machines (VMware), Antiviruses, OpenText eDOCS DM, NAS, SIP-based VOIP gateways, distributed self-developed automated back-up systems
- Software: Adobe Creative Suite CS6, AutoCAD, Microsoft Office 2013, OpenOffice
- Hardware: x86 systems (AMD, Intel platforms), Raspberry Pi (TM) platform, Arduino (TM) AVR physical computing platform, Nintendo Wiimote and Microsoft Kinect PC interfacing, resistive and capacitive touch devices, basic electronic circuits design and prototyping, ability with hand tools such as Dremel, jig saw, soldering iron
- Online services and platforms: Google AdWords, Google Maps API, Google Apps, Google+, Google Play Store, Prestashop, Joomla!, Wordpress
- Programming languages: PHP, Javascript, SOAP, XML, WDSL, VB.NET, Python, Processing
- Databases: MySQL, MS SQL Server
- Operating systems and browsers: Windows 8, Windows 7, Windows Server 2008 R2, MacOS X Mountain Lion, Fedora, Ubuntu, Raspbian Linux. Google Chrome, Mozilla Firefox, Opera
- Mobile platforms: Android, iOS, Windows Phone, Symbian OS, Blackberry OS
- Networking: TCP/IP, DNS, POP3, IMAP, PPTP/IPSec VPN, Wired networks cabling and deployment, Wi-Fi network deployment and security configuration, 3G Routers, sw firewalls

Do-It-Yourself Projects

- 2011 – Currently developing a **home automation system**, based on Arduino platform and 1-wire sensors, to lower heat/cooling energy consumption and allow remote control/diagnostics
- 2009 – Development of a **GSM modem-based remote** text messages alert/interactive system
- 2008 – Working **Web-enabled digital frame prototype** design and production, that auto-update the photo gallery and display various informations like weather, news feeds, etc... from the Web
- 2006 – **Home Theater system** design and installation from projection to audio units
- 2004 – Bug hunter for **Mozilla Firefox** browser (www.mozilla.org/credits)
- 2003 – **In-car x86 entertainment system** design, production and installation in my own car
- 2002 – **Real-time caller number identification** software design and programming
- 1997 – **Automated file compressor** User Interface programming to store big files on multiple floppy disks (still on-line volftp.tiscali.it/programmatori/nicgalla)
- 1996 – **First assembled PC. 100+ assembled PCs for friends and colleagues up to today**
- 1994 – First Internet connection with a 14.4k dial-up modem