
John Smith

Address Line 1

Address Line 2

Address Line 3

Postcode

Telephone: 01306 123456. Mobile: 07967 123456. Email: johnsmith123456@hotmail.co.uk

I.T. CONSULTANT - PROJECT TEAM LEADER

♦ Systems Programmer - System Administrator - Networking WAN / LAN ♦

Significant experience and a proven record covering many levels of programming, dramatically improving performance, security and robustness of IT networks, systems and applications. Accomplished in full life cycles on numerous projects from initial conception to completion from customer liaison, systems analysis, design and development, programming, testing to implementation. Now looking for an appointment as a Linux Administrator due to changes in personal circumstances.

PROFESSIONAL DEVELOPMENT

MSc.	VLSI design course (Brunel University).	
BSc.	Read Astronomy, Astrophysics and Theoretical Physics	1983
<u>Various Courses</u>	Advanced UNIX concepts, Management of UNIX systems, ULTRIX, YACC and LEX, Relational Databases, Oracle V6 & V7, various conferences related to VLSI, CAD and UNIX.	

PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS

I.T. ADVISOR

Oct 92 - Present

(1) Providing IT consultancy and support as for 3 local CAB bureaux (2004 - Current)

- Role includes advising on aspects of security, data management and system management.

(2) Providing IT consultancy and support for www.propertyurveying.co.uk (Feb 2007-Present)

- Role includes advising choice of hosting company, installing Linux LAMP, Tomcat and mail server and day to day administration of website servers.

(3) Network Computer House (NCH), Bologna, Italy (Oct 93-Jun 08)

- Advising the Directors: Providing feasibility studies on rightsizing of existing systems and their integration with new technologies as well as strategy for developing applications such as remote / home banking for the internet, plus open systems and client / server technology to banking systems
- Presenting these technologies to existing and potential clients throughout Europe.
- Leading a team of 10 staff developing multi-platform middleware for banking applications on CICS / IMS / UNIX / Windows 95 / Windows NT / Windows Server.
- Lead contractor and coordinator for projects outsourced by NCH. Outsourced projects include developing communications modules, SNMP modules, Java modules and internet modules for banking applications.
- Lead coordinator: developed and certification of 3 EMV L2 Kernels (Chip & Pin) for ATMs and POS terminals
- Linux system administrator responsible for the planning and deployment of FTP, DHCP, DNS, SMTP, POP, IMAP and HTTP servers. Tasks included developing shell scripts to monitor and manage these servers
- Consulting and supporting clients using NCH applications used to participate in Italian government bond auctions. Clients are international banks in London, Paris & Amsterdam having Primary Dealer status with the Bank of Italy.

TECHNICAL PROJECT LEADER

Jun 92 - Sep 93

Company Name 2, City.

- Led architectural design, wrote specifications and implemented communications for this downsizing project.
 - Helped provide a migration strategy for banks and other financial institutions to move to open systems.
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PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS (CONTINUED)

I.T. CONSULTANT

Jan 92 - May 92

Company Name 3 City.

- Several periods of Consultancy (each typically 3/4 days), advising marketing teams on the preparation of bid for projects with a major Italian banks based in Italy.
- Defined and documented possible architectures for the systems to be supplied.
- Carried out feasibility of migration of existing applications and data onto the new systems, integration of old and new systems, technical analysis of requirement specifications and cost estimates.

SYSTEMS PROGRAMMER

Dec 90 - Jan 92

Company Name 3 City.

- Working as part of a small team to develop a special machine for use by the Italian military police. Participated in the definition of the hardware, software and security architectures. Designed and implemented a session (OSI level 5) layer on top of a TP4 layer for OS/2. Designed and implemented a SCSI tape backup utility for OS/2. Made modifications to various OS/2 drivers. Also OS/2 and Communications Consultant for the Group.

Company Name 4 City.

- Worked to port driver for NCR Point of Sale security module (UNIX based SVR2.0 to UNIX based on SVR3.0).

CONSULTANT / TECHNICAL LEADER

Jun 88 - Oct 90

Company Name 5 City.

- Working with and later led a small team, developing networks for Olivetti minicomputer based systems. Analysed software, made recommendations. Supervised works on prototype software based on recommendations. Designed and implemented software based on Microsoft's SMB protocol on Olivetti minicomputers and microcomputers, in particular porting LAN Manager to UNIX. Advised members of X/Open PC internetworking subcommittee.

EARLY CAREER SUMMARY

Software Engineer	Unisys, Blackburn, Lancs.	1987-88
Software Engineer	Mullard Software Development Centre, Malmesbury, Wiltshire.	1986-87
Research Engineer	Hirst Research Centre, GEC Research Laboratories, Middlesex.	1984-86

TECHNICAL AREAS OF EXPERTISE

- **Languages:** C and C++ in various environments such as UNIX, VAX/VMS, MS-DOS, OS/2, Windows. C#, VB.NET, Microsoft Assembly Language, 80X86 Assembly Language, Motorola 680xx Assembly Language, Pascal, Unix Shell programming (bash, ksh, csh), SQL.
- **Operating Systems:** MS-DOS, UNIX SVR4, Solaris 2.x, Solaris 9, 10, Linux (Debian, Redhat, Ubuntu), UNIX / Linux at all Levels: (Redhat, Redhat Enterprise Linux 3, 4, Debian 3.1, Ubuntu) versions include device driver level, systems programming, system administration, shell scripts, system tuning, application programming, porting and migration to and from UNIX, heterogeneous system integration. HP/UX, Stratus FTX, AIX, Windows 95, 2000, XP, Vista, NT 3.51/4.0, Server 2000 and 2003.
- **Networking: LANs / WANs and Client / Server Technologies:** TCP/IP at protocol and socket levels, TCP/UDP, SMB at protocol, API and source code levels, administration, configuration and tuning of the client, server and network parts, ISO/OSI protocol standards levels 2 - 5 including Ethernet, IEEE 802.2, 802.3, 802.5 standards, SNA over SDLC, X.25, QLLC. TCP/IP, SNA configuration and programming (MS SNA Server, IBM Personal Communications, IBM Server, EHLAPI, LUA), Netbios.
- **Transaction Processing:** CICS, IMS, Oracle, Informix, Sybase, MS SQL Server, MySql, Tuxedo, Oracle V6 & V7, DB2.
- **Application/Internet Servers:** Apache, Tomcat, email servers (Sendmail, Courier, Postfix), DNS DHCP, FTP, LAMP.

Personal:

Interests and Pastimes:

Travelling, Skiing, Photography, Theatre, Music, Reading, Flying.

Languages:

Fluent English, Hindi, good Italian and basic written French.