

## Curriculum Vitae (2008.1 Refresh)

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Full Clean Driving Licence  
Date of Birth: 29<sup>th</sup> January 1971  
Good Health

### Profile

Attention to detail is crucial in any work that I undertake, and I always maintain a “Can do, Will do” attitude, with regard to even the most complex projects, and make sure that I always deliver to deadlines.

In my experience, within the realm of software, there is nothing which is impossible, only that which has yet to be conceived. No problems, just solutions waiting to happen.

### Education

Vaughan Primary School, Harrow, Middlesex, United Kingdom  
Vaughan Middle School, Harrow, Middlesex, United Kingdom  
Gayton High School, Harrow, Middlesex, United Kingdom  
Greenhill Tertiary College, Harrow Middlesex, United Kingdom  
Polytechnic of Central London, London, United Kingdom  
Qum University, Qum, Iran

### Skills Matrix

Skill	Skill Level	Experience (Years)	Last Used (Years)
Unix (inc. *Nix)	Expert	> 10	Current
SQL (ANSI)	Expert	> 10	Current
XML	Expert	> 5	Current
Active X	Expert	> 5	Current
CGI Scripting	Expert	> 10	Current
ISAPI Filters / Extensions	Expert	> 10	Current
XHTML	Expert	> 5	Current
CSS	Expert	> 5	Current
JavaScript	Expert	> 10	Current
VBScript	Expert	> 5	Current
PHP	Expert	> 5	Current
eCommerce Concepts	Expert	> 10	Current
C/C++/C#	Intermediate	> 10	Current
Internet Concepts	Expert	> 10	Current
Internet Industry Knowledge	Expert	> 10	Current
Java Technologies	Intermediate	> 10	Current

Skill	Skill Level	Experience (Years)	Last Used (Years)
Perl	Intermediate	> 10	Current
Visual Basic	Expert	> 5	Current
Python	Intermediate	> 5	Current
Ruby	Beginner	> 2	Current
Rails	Beginner	> 2	Current
Symfony	Intermediate	< 1	Current
SOAP / Web Services (inc WSDL)	Expert	> 5	Current
AJAX	Beginner	> 1	Current
P2P Protocols	Expert	> 7	Current
UML	Expert	> 10	Current
RDBMS Concepts	Expert	> 10	Current
SSADM Concepts	Expert	> 10	Current
MSF Concepts	Expert	> 8	Current
VOIP Technologies including IAX, SIP, H.323, SS7oIP, etc	Expert	> 10	Current
VOIP Concepts	Expert	> 10	Current
LAN/WAN	Expert	> 10	Current
WLAN (Wide Area and Regular including HOTSPOTS and WLAN ROAMING)	Expert	> 8	Current
Microsoft SQL Server	Expert	> 10	Current
Microsoft Access	Expert	> 10	Current
Informix	Intermediate	> 2	> 1
mySQL Server	Expert	> 7	Current
PostgreSQL Server	Expert	> 6	> 0.5
Oracle RDBMS	Intermediate	> 10	> 0.5
Sybase	Intermediate	> 2	> 1
FoxPro (and .dbf based databases)	Expert	> 10	> 0.5
SQLLite	Expert	> 7	Current
Apache HTTP Server	Expert	> 10	Current
Microsoft IIS Server	Expert	> 10	Current
Microsoft Sharepoint Server	Expert	> 5	Current
Microsoft Sharepoint Services	Expert	> 5	Current
O3Spaces	Expert	> 2	Current
SugarCRM	Expert	> 3	Current

Skill	Skill Level	Experience (Years)	Last Used (Years)
Netscape/iPlanet	Expert	> 2	> 1
Tibco Portal Builder	Intermediate	> 2	> 1
EnTrust getAccess Technologies	Expert	> 7	> 0.5
RSA Secure ID	Intermediate	> 7	> 0.5
PKI Infrastructures / Technologies	Intermediate	> 7	> 1
Reuters XML API (inc. NewsML)	Expert	> 5	> 3
Apache Jakarta	Intermediate	> 3	> 0.5
Apache Tomcat	Intermediate	> 3	Current
Wordpress	Expert	> 4	Current
MovableType	Expert	> 4	Current
BitTorrent Trackers	Expert	> 2	Current
Asterisk IP-PBX	Expert	> 10	Current
VOIPSwitch	Expert	> 3	Current
Quescom VOIP	Expert	> 3	Current
Mobiline VOIP	Expert	> 3	Current
VegaStream VOIP	Expert	> 4	Current
Quintum VOIP	Expert	> 5	Current
Cisco VOIP	Expert	> 8	Current
ipchains / iptables Firewalls	Expert	> 10	Current
Cisco PIX	Intermediate	> 8	> 0.5
Checkpoint FW-1 / VPN-1	Intermediate	> 8	> 1
nmap	Expert	> 9	Current
Nessus	Expert	> 5	Current
Snort	Expert	> 5	Current
Honeynet	Expert	> 8	Current
SpamAssasin and other Spam Filtering Technologies	Expert	> 7	Current
Postfix	Expert	> 9	Current
Sendmail	Expert	> 10	Current
Exim	Expert	> 7	Current
Qmail	Expert	> 7	> 1
*nix Kernel Hacking	Expert	> 10	Current
Penetration Testing and Vulnerability Assessment (White	Expert	> 10	Current

Skill	Skill Level	Experience (Years)	Last Used (Years)
Hat)			
Open Office	Expert	> 3	Current
VMWare Server	Expert	> 8	Current
Remote Control (VNC, RDP, RADMIN, X, SSH, etc)	Expert	> 10	Current
XMPP Client/Server	Expert	> 9	Current
Gnome Desktop	Expert	> 7	Current
KDE Desktop	Expert	> 7	> 1
XFCE Desktop	Expert	> 5	> 1
CDE (Solaris) Desktop	Expert	> 10	Current
Wireshark (formally Ethereal)	Expert	> 8	Current
VirtualBox	Expert	> 4	Current
GIMP	Intermediate	> 7	Current
MythTV	Intermediate	> 4	Current
Microsoft Office System	Expert	> 10	Current
Microsoft Windows Mobile (WM5,6,CE,etc)	Expert	> 10	Current
Linux Mobile	Intermediate	> 4	Current
Symbian 60 OS	Intermediate	> 4	Current
Java Mobile Edition	Intermediate	> 4	> 0.5
OpenOffice.org	Expert	> 5	Current

### Key Achievements

- Design and Development of a Number Portability Lookup Solution for a UK Based VOIP to Mobile Termination Provider, delivered 3 months ahead of schedule and under budget.
- Building an extensive VOIP Network in the Middle East, using VPN and SSH Technologies to mask and secure traffic. Saved the client over 50% of their monthly phone bill, in 3 months of work.
- Complete MIS (Management Information System) for leading African ISP, including complete consolidation of billing information, resulting in over 2000 unbilled customers being billed, paying (or being cut-off). Saved the company from potential bankruptcy.
- On-line Banking Systems for ING Bearings Bank, and Emirates Bank (two different projects off course, several years apart, same principles however)
- SAP Integration of Leading B2B eCommerce Application (InTrade) at the KPMG Center of Excellence. Previously considering impossible.

- Club Nokia Complete Deployment, Development Platform, Test Platform and Production Platform, with simultaneous application reloading and updating.
- Build a Bespoke Comprehensive ANTI-SPAM / ANTI-VIRUS Filter Server (comparable to Baracuda's Offering) for XD Software.
- Complete set of "Machines" (self-contained software widgets, to accomplish specific tasks), in terms of routing, reporting and management, billing codec and bandwidth management.

### **Employment History**

**January 2007 – January 2008** (Satargo Limited), Birmingham, United Kingdom  
<http://www.satargo.com/>

Job Title: Chief Technology Officer and Sole Software Developer

- Project: RMV3 – Routing Machine (For routing voip calls over a plethora of trunks (using complex and adaptive LCRing), with extensive reporting. Included functionality for ported number look ups using back-end HLRs and such using SS7-Over-IP).
- Project: RMTV3 – Reporting and Management Machine (For managing a Voipswitch over the Web – the software was designed to work with VoipSwitch LLC's offering, but due to the modular manner in which the software has been written, it is adaptable to any voipswitch – or indeed any system that requires routing to be managed).
- Project: BMV3 – Billing Management Machine (For managing billing on a complex VOIP Network, including instant updates of price changes (via SOAP Connectors to systems at VOIP Providers. Allows for automated PDF Invoices to be generated and even emailed out to customers, if customer pays using the on-line system, then automatic crediting of customers account with payment, and enabling of traffic routing, customer cut-off on non-payment (after threshold reached). If customer pays manually, then the system checks on-line banking through the appropriate hooks (in a highly secure manner off course), and when it detects payment, advises the administrator, who can then flag that customers as paid).
- Project: CBWMV3 – Codecs and Bandwidth Management Machine (For managing the bandwidth used by VOIP customers - governed by codecs and call volume), allows the network owner to limit bandwidth for a customer, or force certain codecs to ensure that the customer doesn't use more bandwidth than is required, and ultimately to ensure that the the overall call quality on the network is excellent. The system is adaptive, using extensive QoS algorithms, and configurations on back-end routers, as well as VLANs where required. Also provides automated fail over in the event of the IP provider failing, without any impact on the end-user of the network.
- The above four systems were developed exclusively by myself, using various technologies, and are currently in use (as far as I know) by the company.
- Consultancy: Security Analysis of Third-Party to Detect Vulnerabilities and provide solutions to harden servers. Cannot mention customers on account of NDA restrictions.
- Consultancy: Comprehensive and Highly Bespoke ANTI-VIRUS/ANTI-SPAM Filtering Engine, with complete on-line reporting and configuration for customer XD Software.

**March 2006 – March 2007** (DVI Networks Limited / IBS (UK) Limited) Leicester, United Kingdom

<http://www.dvinetworks.net>

Job Title: Chief Technology Officer

- Project: Billing System
- Project: South African VOIP Traffic
- Project: Ported Number Lookup System Code-name “Perlustro”

**November 2005 – March 2006** (Savanah Consulting Limited) Leicester, United Kingdom

<http://www.savanahc.co.uk>

Job Title: IT Consultant

- Implementation of Internal IT Systems, including VOIP Services
- Backup/Restore and Disaster Recovery Policy Implementation

**August 2005 – October 2005** (Cellucom FZCO / Cellucom LLC) Dubai, United Arab Emirates

<http://www.cellucom.com>

Job Title: IT Manager (Saudi Arabia)

- Gulf-wide Private VOIP Network

**July 2003 – August 2005** (Bharwani Group of Companies) Bharwani Group of Companies:

Star Telecom (T) Limited <http://www.raha.com>

Computer Centre (T) Limited <http://www.cctz.com>

RedDot Distribution (T) Limited <http://www.reddot-ea.com>

Job Title: Chief Engineer (Information Systems Integration)

- Project: Star Telecom Information System
- ISP Project: Network Enhancement (including Information Systems Enhancement)
- Project: RedDot Distribution eCommerce Application/Website
- Project: Star Telecom VOIP Service Design, Development and Implementation
- Project: Computer Centre CRM and Reporting System

**April 2001 – June 2003** (Exodus Inc. / Exodus Internet Limited)

<http://www.exodus.net>

Job Title: Chief Architect (Enterprise Applications Integration (EAI), Internet and Security Technologies)

- Project: myExodus Customer/Host Information Portal
- Consultancy: ING Bearings Bank System Design and Deployment Lead
- Consultancy: Club Nokia Europe, entertainment site/portal (including SMS facilities) design, testing, code reviews and ultimately deployment and hardening.
- Consultancy: UBS Warburg, third line support services, back-end integration sub-projects, global connectivity.

**November 1999 – April 2001** (Infobank International PLC / iZodia PLC)

<http://www.izodia.com>

<http://www.infobank.co.uk>

Job Title: Chief Engineer (Integration and Web Technologies)

- Project: InTrade Version 3.5 Release and InTrade Version 4.0 Alpha SAP Integration.
- Project: InTrade Version 3.5.1 Stabilization, EDI, SMTP and FAX Functionality.
- Project: Portfin Financial Portal.
- Project: Marks and Spencer Wedding Gift Registry

**December 1997 – November 1999** (EPL Limited (UK) / EPL Corporation (USA))  
Tring, Hertfordshire, United Kingdom <http://www.eplcorp.com>

Job Title: Chief Technology Architect/Officer (effective CTO role)

- Project: Control Management Application
- Project: BP Fluid Management System
- Consultancy: UNISYS – The Registers of Scotland Direct Access System (RoSDAS)

**January 1997 – November 1997** (ITC Trading Limited) London, United Kingdom  
<http://www.itcworld.co.uk>

Job Title: Senior Internet Consultant

- Project: Ethic Internet Limited
- Project: ITC Internet Development Services
- Project: Muslim Community Site

**May 1995 – December 1996** (SIDS LLC) Dubai, United Arab Emirates  
<http://www.sids.com/>

Job Title: Senior Internet Consultant

Designed, Developed and Deployed on various high -profile websites including:

- Masafi Mineral Water ([www.masafi.com](http://www.masafi.com))
- Dubai World Cup ([www.dubaiworldcup.com](http://www.dubaiworldcup.com))
- Emirates Bank ([www.emiratesbank.ae](http://www.emiratesbank.ae))

- Many others

**January 1991 – April 1995** (Tolou Software LLC) Tehran, Islamic Republic of Iran,  
<http://www.noorsoft.com>

Job Title: Chief Technology Architect

Designed and developed various software applications, some based on the raw MSDOS operating systems (using dBase type application to facilitate data storage management and retrieval), as well as building cutting edge web-based applications on early generations of IIS (Internet Information Server) and ISAPI/CGI extensions/scripts.

### **References**

References available on request.