

John Alexander

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PROFILE:

A diligent, adaptable and highly experienced **Contract ICT Technical Architect/Consultant** with a broad depth of IT skills, spanning a wide variety of industry sectors and possessing specialist expertise in designing and implementing highly complex technical solutions. Extensive experience of building, installing, maintaining and documenting a wide range of system solutions including telecoms, mail services, databases, web servers and security systems and possesses an application of skills that is both technically inventive and adaptable.

Possesses an outstanding record of achievement enhanced by exceptional communication skills and a dynamic self-starter approach to all major projects and tasks and is seeking a new contract that will prove to be both professional and personal challenge.

PROFESSIONAL EXPERTISE SUMMARY:

- Technical/ Solution Architecture, Infrastructure/ System/ SSO/Environment Design/ Builds and Virtualisation
- Application/Hardware Migration, Integration, Implementation, Installation, Configuration and Testing
- Network/ Application Security, Performance Tuning, Problem Identification/ Resolution
- Major Project Work, Budget Control, Technical/ Functional Documentation, Disaster Recovery and Support

TECHNICAL PRODUCT EXPERTISE & KNOWLEDGE:

- Sun Enterprise E10K/ F15K/ 450/ 3000/ 3500/ 4000 and SunStarfire 3800/ 280R
- Sun 4810, Sun 280R, M5000, T5120, F15K and IBM P510/ 520/ 570/ 595
- Storage Array 3000, A1000, SGI Indigo1/2, Netra's, VIO, LPARs and Google Appliance
- Solaris 2.5-2.8, 8, 9 and 10, Sun OS, Sco Unix, Xenix, Irix, Primos and QNX
- Linux 0.89-2.6, Fedora Cores 1-10, RedHat Advanced Server3-5/ Satellite Server
- Windows 95, 98, NT, 2000 & XP, Tru 64, AIX, XEN Virtualisation, VmWare and QME/KVM
- TCP/IP, Appleshare, Netbios, ISDN, Kilo/Megastream, Fibre Installation and SMDS
- Cisco 1600/2501/5000 & 7000, Arrow Point Switches and Digital Lan/Wan
- DNS/NFS/NIS, DHCP, Sendmail, Radius Server and EGB/HSRP/BGP
- Pascal, C, 68000, Java, Fortran, Ksh, Sh, Csh, Perl, Oracle, Nagios, Nessus, Wireshark and BMC Patrol
- IBM Websphere, Weblogic, Business Objects and Websphere/MQ/Tomcat
- Tivoli Identity Manager, Tivoli Access Manager, Webseal and Siteminder, SUN OpenSSO
- Sun One Proxy/ LDAP & Application Server, CVS, Firewall 1 and Veritas Suite
- Unix Security, ANT, Apache, Iplanet Wireless App Server/ WebMail, Sun Cluster 3.0
- ISS, Streaming, Shoutcast, Icecast, Darwin Anti Virus and clam AV

RECENT ASSIGNMENTS:

Feb 2009 to Date

TECHNICAL SPECIALIST: Vodafone

- Currently working on integrating their WorkFlow Product into the Global Remedy solution and SSO.
- Interfaced the Remedy XML based Webservices to the Legacy Perl CGI
- Delivering a Virtualised system Pre-Integrated for Demonstration to each country's test teams using KVM under Linux and VmWare for Windows based portables.
- Appointed to bring technical experience and expertise to company's test labs
- Responsible for the design and build of numerous test platforms for new projects
- Create platforms based on Fedora/RHEL/ Ubuntu Linux, Solaris 8-10 and Windows
- Delivered numerous successful solutions from blue sky designs and available resources
- Successfully create LLD's from HLD's to produce implementable solutions
- Debug system problems using wireshark and build new Lab infrastructure such as Jumpstart/DNS/DHCP and Backup servers
- Performed a successful investigation into the virtualisation of the infrastructure to reduce power consumption

Nov 2008 to Feb 2009

TECHNICAL ARCHITECT: Belgacom (Belgium)

- Appointed to update/migrate and document of a TAM SSO and Apache Web Proxy layer, using a variety of methods such as Solaris -Linux Migration and Solaris LDOM implementation to new Hardware as appropriate.

- Responsible for providing new staff members with a fully documented and stable system
- Successfully resolved performance bottlenecks and numerous other systems issues
- Integrated servers with current standard monitoring tools and developed in-depth documentation
- Additionally created Apache Build environments under both RHEL, AIX and Solaris

Aug 2008 - ongoing

CONSULTANT: So Out There (Media Company)

- Contracted on ad hoc basis to provide technical expertise and support for selected projects
- Built a demo streaming environment to evaluate offerings such as Apple's open source Darwin and Flash

Mar 2008 to Nov 2008

SOLARIS CONSULTANT: HSBC

- Appointed to provide technical expertise and guidance to several major infrastructure projects
- Responsible for design to delivery of system-builds, configs and SAN/networking
- Designed and built large environments ranging from 3 to 30 midrange Solaris 10 Servers
- Fully utilised technologies including Veritas Cluster and Solaris Zones/Containers
- Evaluated LDOMs on new V series architectures (T5120 <) and M5000 platforms
- Projects included LDAP/ User token generation via Verisign Engines/ MQ/Customer DB integration

Sep 2007 to Feb 2008

LINUX/ SECURITY TA: DHL (Prague)

- Appointed to work on security for the migration of applications and hardware from remote sites
- Responsible for designing security measures, solutions and evaluated security risks
- Designed network security, application security and tested for known vulnerabilities
- Investigated and fixed existent backup and redundancy issues and defined DHL standards and industry best practice

Sep 2007 to Oct 2007

SSO CONSULTANT: Reuters

- Appointed to a short contract to develop the SSO evaluation and test harness for a worldwide SSO rollout based upon SUN's Identity Manager and LDAP
- Successfully built environments and produced documentation on usage and information on user requirements and interrelated Customer supplied APIs

Jun 2007 to Sep 2007

LINUX TECHNICAL ARCHITECT: HBOS

- Appointed to work with the Client and HP to deliver and document standard Linux builds
- Successfully migrated old applications from HP/UX and AIX platforms and evaluated their security levels during the process
- Integrated systems with TIM/TAM for SSO purposes as a part of the programme

Jan 2007 to May 2007

SSO CONSULTANT: Bank of Ireland

- Appointed to work and bring expertise to a new mortgage quotation portal project
- Responsible for in-depth investigation work to determine a appropriate solution
- Utilised WebSEAL for authentication & security and TAM/ TDS for identity management
- Created a custom portal solution based on Websphere 6.1 and implemented on Windows 2003 server
- Reworked the standard documentation regarding policies, configurations and areas of high availability
- Produced a 'TAM in a Box' style solution based on a Linux platform running QEMU virtual machines for the IBM Business Partner to enable components to be evaluated on either Win2003 server or Linux for each client image

Aug 2006 to Jan 2007

LINUX SOLUTION ARCHITECT: EDS

- Appointed to create new builds for large scale Linux platform as part of a major government project
- Responsible for all aspects of the design, delivery and introduction of the new builds
- Initially checked current builds and associated documentation for consistency and functionality
- Produced new documentation for updated builds for t user authentication and site security following development work and updates from RHN
- Built RPMs from scratch to implement a rooted environment and automated deployment of Webseal LDAP and Web proxy services
- Created development environments from a pool of Xen virtualised server resources to increase availability and resource utilisation

Apr 2006 to Jul 2006

SOLUTIONS INFRASTRUCTURE ARCHITECT: Fujitsu

- Appointed to design key infrastructure on an NHS project and produce of HLD and LLD documentation
- Used virtualisation to produce environments as to make efficient use of available system resources
- Successfully produced standardised builds for VIO and LPAR based infrastructure on IBM P595/P570 using AIX 5.3 and Red Hat Enterprise Linux 4 along with Java App servers Websphere/Tomcat

Nov 2005 to Mar 2006**TECHNICAL ARCHITECT: Becta**

- Appointed to design and implement a CMS project including integration into existing infrastructure
- Responsible for all aspects of formulating technical the strategy to meet the requirement
- Selected and specified the server / commissioning, software configuration, integration and test cycles
- Successfully implemented the CMS which was based on Java technologies such as Syberlogic and Tamino
- Additionally implemented SSO with Sun One LDAP for the repository store and Siteminder which allowed the use of existing diverse web servers

May 2005 to Nov 2005**TECHNICAL ARCHITECT: Skyway Canada**

- Appointed to implement an n-tier portal using Clustered Bea Weblogic and Oracle on a Solaris 9 platform
- Responsible for the design/implementation and dealing with the ISP for the rack co-location
- Provided technical consultancy for system and security backups and SLA requirements
- Implemented Load Balancing using Apache Web Server plus a module running on RedHat Linux
- Ensured the delivery within stringent time, budgets and quality requirements

Sep 2004 to May 2005**MESSAGING CONSULTANT: BT-Syntegra**

- Appointed to work on documenting and implementing a TMS for the NHS 'Spine' which provided core inter-communications between LSPs and other service providers
- Accepted releases from developers and implemented them on development/testing and then live work cells
- Built successful business relationships with internal departments and met strict timescales and SLA's

EARLIER ASSIGNMENTS INCLUDED:

- Infrastructure/Middleware Architect - Sun Micro Systems
- Directory Services/Single Sign-On Consultant - Syntegra
- Sun Consultant - Computacenter
- E-Commerce Consultant - NHS
- E-Commerce Architect - AIS
- Senior Solaris SA - Vodafone (vizzavi)
- Technical Implementation Consultant - PSInet
- Senior Unix System Administrator / Engineer - ECRC (Cable & Wireless) - Munich

ACADEMIC QUALIFICATIONS:

- MSc - Information Security (currently studying online)
- BSc - Computer Science
- 'A' Levels - Maths, Physics, Chemistry and General Studies

PROFESSIONAL MEMBERSHIPS & TRAINING:

- PRINCE2 - Foundation
- CISSP & CEH (currently studying)
- CCNA, Red Hat Certified Engineer, MCSE and MCP+I (ID no. 131274)
- Websphere Application Server 6
- Veritas Volume Manager, Advanced Netbackup, File System and Advanced Cluster Server
- Brocade SAN Components (SAN 100) and SAN Design (SAN 250)
- British Computer Society - Member

PERSONAL DETAILS:

- Date of Birth - 22nd May 1968
- Full clean UK Driving Licence
- Excellent reference available upon request

John Alexander

