

RICHARD JAMES OSBORNE

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Telephone:	07952 909 481	Availability:	Immediate Interview
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SUMMARY

Ambitious Senior Systems Administrator with over 13 years of technical experience and a passion for working with the latest technologies.

TECHNICAL SKILLS

Experienced with the following software, utilities and protocols:

- Operating Systems: System Administration level of the following: Red Hat Linux Enterprise 3-5, Centos 3-5, Solaris 9 - 2.6, Microsoft Windows Server 2003/2000, Vista, XP and 2000, FreeBSD 5-8, Fedora, SuSE Linux, Gentoo Linux, NCR UNIX SVR4. Working knowledge: Ubuntu.
- Virtualisation: System Administration level of the following: VMWare ESX/ESXi, VMWare Server, Amazon EC2 & S3.
- Databases: MySQL, Sybase Adaptive Server Enterprise (12.5/12/11.9), Sybase Replication Server (12.6/12.5). Working knowledge: Oracle 10G.
- Storage/Installation: LVM, Linux Kickstart, Solaris Volume Manager, Sun RAID Manager, Solaris Jumpstart.
- Web/Mail: Tomcat, BEA Weblogic Server 8, Apache 2.x/1.x, IIS, Microsoft Exchange 2003, Sendmail, QMail, Postfix, Courier IMAP, POP3.
- Network Services: SSH, DNS/BIND, NFS, NIS, Samba, rsync, rdist, DHCP, Telnet, FTP, RHCS/DRBD.
- Programming: UNIX Shell Programming (ksh, csh, bash), DOS Batch Scripting, HTML, SQL.
- Reuters Applications: Kondor+, KVAR+, TradeAccess, K+TP, KGR, ELS, RMDS, Triarch, 3000 Xtra, Reuters Messaging.
- Miscellaneous: Nagios, Foundry ServerIron XL Web Switch, vi, cvs, Mediawiki, Microsoft Office Suite, Microsoft IIS, Domain Name Management.

EXPERIENCE

BOLTBLUE INTERNATIONAL, London

August 2006 – October 2009

UNIX Systems administrator for a small multinational mobile content and communications service provider with over 9 million global users.

Responsible for the high availability of systems, servers and related components and the security of the business applications.

ARCHITECTURE & IMPLEMENTATION

- Designed and implemented server architecture for improved operational resiliency and performance.
- Achieved 60% reduction of data centre costs through the introduction of the following initiatives, carried out on production environment:
 - Identified and virtualised servers onto VMWare ESX 3, ESX 4i and VMWare Server virtual environments, coupled with Red Hat Cluster Suite and DRBD for high availability.
 - Migration of services to Amazon EC2 and S3 services including creation of Amazon Machine Images.
 - Defined, documented and implemented hardened, standardised operating system images based on Red Hat Linux Enterprise 4, Centos 5 and FreeBSD 7. Migrated legacy operating systems (FreeBSD 4/5/6, Red Hat Linux 6/7, Centos 3/4, SuSE 9, Solaris 2.6) onto customised images.
 - Consolidated/upgraded legacy hardware (HP Netserver LP1000R/LP2000R, Super Micro Superserver 5012B, Sun E250/E450) to Dell 2950, 2850, 1950, 1800 and 860 servers.

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OPERATIONAL MANAGEMENT

- Working alongside off-site development team; installation and maintenance of development and QA environments; built development environment to mirror production configuration.
- NAS storage data management, capacity planning and replication to disaster recovery site; implemented substantially more sophisticated disaster recovery solution.
- Acted as technical liaison between development and operations teams, management of releases on live systems.
- Provide guidance to junior staff; creation and implementation of policies and procedures to ensure system security and availability, documentation of systems and operational runbooks.

TECHNICAL EXPERTISE

- Managed and upgraded the following applications: OpenLDAP, Bind, MySQL, Postfix, Qmail, Apache, Tomcat and JBoss.
- Developed custom scripts to automate tasks, produce reports, and maintain software.
- Server administration of Windows estate including Microsoft Exchange 2003, Blackberry Enterprise Server, Windows Update Services 3.0, SharePoint Service 3.0, Desktop clients running Windows Vista/XP.
- Troubleshoot production issues on live environment, short term and long term actions, capacity planning.

Systems Integrator REUTERS New York, USA

July 2002 – August 2006

- Responsible for design, infrastructure and implementation of Reuters Trade and Risk products.
- Configuration and management of over 100 SUN servers and workstations (Ultra 10's through V480), Windows 2003 Servers and IBM xSeries Linux Servers.
- Sybase ASE database administration and Sybase Replication Server administration.
- Consulting implementations at client sites integrating systems into production trading environments.
- Day-to-day management of support and demonstration environments including software and hardware upgrades, patch management and infrastructure design in a mixed Windows/Solaris environment.
- Provide 2nd and 3rd level support of Reuters Trade and Risk Management products to over 140 internal and external customers including problem replication, resolution and QA bug testing.
- Assisting pre-sales in the provision of demonstrations and architectural design of client proposals.
- Development of Korn Shell scripts to automate system management and proactively alert to failures.
- Configuration, compilation and installation of Open Source applications.
- Administration of BEA Weblogic, Apache and Sun Secure Global Desktop web servers.

Systems Administrator REUTERS SAILFISH SYSTEMS New York, USA

May 2000 – July 2002

- Completed successful installation, configuration and upgrade of the following hardware: 40 Sun Ultra Enterprise servers (280R's, 420R's, 450's, 220R's, 250's, and Ultra 2's), 10 IBM xSeries Linux servers, 5 NT servers, Sun StorEdge T3/A1000/D1000's, 30 Sun Ultra workstations (10's, 30's), 50 Dell PC's, 10 Linux workstations, 15 IBM Laptops, 2 Cisco Catalyst 5000 switches, and 2 Symantec Raptor Firewalls.
- Administered Solaris & Windows NT File Servers, Lotus Notes Servers, Firewalls, Triarch, Sybase and application servers.
- Periodic Software maintenance, system upgrades, tuning of system parameters for optimal performance and development of Korn Shell scripts necessary to maintain a consistent operating environment.
- Day-to-day use of the following applications: Sybase Enterprise Server, Raptor Firewall, Veritas Netbackup, DNS/BIND, NIS, NFS, Sendmail, Solaris Jumpstart, Samba, BEA Weblogic Web Server, Apache Web Server, INN Usenet News Server, Lotus Notes Server, Reuters KVAR/K3S/Kondor Administration, CA Aim-IT & Ship-IT.
- Maintenance of 5 100+ GB Sybase databases on Sun Enterprise servers with data on Sun StorEdge RAID arrays (A1000 and T3).
- Maintained system security from internal and external attacks, including Symantec Raptor Firewall management and VPN configuration.
- Management of production servers for the ASP solutions Reuters iVAR & bVAR.

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Technical Support Executive REUTERS, London

June 1998 – May 2000

- Provided first, second and third-level technical support to Reuters Financial Information Database platforms. Systems supported include Development and Production environments spanning across 200+ NCR UNIX SVR4 nodes running the NCR Teradata Relational Database Management System and 50 Sun-Sparc Solaris nodes running Solaris and Oracle versions 7.3.4, 8.0.5 and 8.1.5.
- Resolved service problems by providing second-level technical support on a callout rota basis.
- Managed all phases of software upgrades from development through implementation on RDB server.
- Created procedures, project plans and status reports to comply with controlled standards.

Global Network Control Centre Controller REUTERS, London

August 1996 – June 1998

- Provided first level support for financial database hosted on a suite of 30 UNIX nodes running UNIX SVR4 and the NCR Teradata Relational Database Management System (RDBMS). Ensured 99.5% service availability through a mixture of routine daily procedures on the live system, fire-fighting during system failures and project work including Millennium compliance testing and UNIX system administration.

Assistant Engineer ICONICS INC., Foxborough, MA

January 1995 – May 1995

- Designed and implemented testing procedures for real-time industrial computer software; Maintained database of anomaly reports and status of testing; Duplicated anomalies encountered by customers.

EDUCATION

Certifications: Linux Professional Institute Administrator Level 2, March 2009.

Linux Professional Institute Administrator Level 1, August 2004.

Performance and Tuning: Configuring ASE – Sybase Education Services, August 2003.

Solaris 2.6 Administration, Sun Education Services, August 1998.

KING'S COLLEGE LONDON London University

September 1992 – July 1996

Bachelor of Engineering (Hons), Communications and Radio Engineering.

WORCESTER POLYTECHNIC INSTITUTE Worcester, MA

August 1994 – May 1995

Academic year abroad, Studies in Electronic Engineering.

SOLIHULL SCHOOL West Midlands

1987 - 1992

1992: A Levels Mathematics (A), Physics (B), Chemistry (C)

1990: AS Level Mathematics (C)

GCSEs Physics (A), French (A), English (B1), Mathematics (B), Biology (B), Chemistry (B), Computer Studies (B), English Lit. (C), CDT (C)

INTERESTS

Associate Member of Institute of Engineering & Technology. Running and fitness, films, music and foreign travel. Motoring - full, clean driving license held since November 1991.
