



SPECIALIST PROFILE

Personal Details

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| <i>Reference:</i> | DG2534 |
| <i>Job Title:</i> | Senior AIX Systems Administrator |
| <i>Nationality:</i> | British |
| <i>IT Experience:</i> | 30 years |

Overview

Architecture and Products:

AIX, BEA WEBLOGIC, BEST/1, DB2, EMC SYMMETRIX, EMC TIMEFINDER, EMC VOLUME LOGIX, ESM, ESS SHARK, HACMP, JBASE, MQSERIES, NIM, NOVELL, OS/400, PEOPLESOFT, PICK, PSSP, SAMBA, SAN, SERIAL STORAGE ARCHITECTURE, SSH, TIVOLI, TIVOLI ENTERPRISE CONSOLE, TIVOLI MANAGEMENT REGION, TIVOLI STORAGE MANAGER, UNIX, WINDOWS.

Programming Languages:

DATABASIC, KORN SHELL, XML.

Specialist Experience:

AIX system administration.
AIX installation, configuration, maintenance, management and support.
AIX environment design and build.
HACMP configuration, maintenance and support.
Veritas Cluster Server installation.
AIX security analysis.



TECHNICAL SKILLS / PERSONAL PROFILE

General Management & Team Leader ~ Unix Systems Administration ~ AIX / SLES / RedHat ~ RS6000 ~ IBM SP ~ Project Management ~ HACMP ~ Veritas Cluster Server and Storage Foundation ~ Tivoli Systems Management ~ EMC and ESS SAN Architecture ~ MQ Series ~ Systems Security ~ MS Office ~ MS Access ~ MS Project ~ Windows 95/NT.

I am a highly motivated and experienced professional with a proven track record to work beyond the parameters of the role and to prioritise effectively to meet deadlines. I am well organised, enthusiastic, very loyal, have excellent interpersonal skills and proven capabilities both as a team player and an independent worker. The last 6 years I have primarily been performing the role of UNIX server build and deployment for new projects based at HSBC.

CAREER HISTORY

February 2006 to present

AIX Systems Architect for a bank

Responsibilities & Skills

- Systems Administration
- Project Management
- System Upgrades (nim)
- Team management and mentoring
- UNIX System Design, Build, QA, and Delivery

Initially contracted to join the newly formed Product Upgrade Team. The team is responsible for planning and performing all server upgrades for the entire pSeries estate and the coordination of all middleware application upgrades. Upgrades were generally performed using nimadm. In some cases, the upgraded also required migrating the server a frame with the older management server running PSSP management software to a new management server running CSM software. This also involved migrating and re-writing several operations management menus written in SMIT format so that the services could be managed from their new location via the operations bridge. Responsibilities also included deputising for the team manager during absence and holidays.

After three years I joined the new project server build team as a technical specialist. The technical specialist position involves full project design and build from the initial concept to final go-live, for systems built with AIX, RedHat, or Suse Linux both on physical Intel system and on VMware infrastructure. Most projects involve some form of installation of VCS, or Oracle RAC for clustering, while the software applications include WebSphere, DB2, Oracle, and MQ Series.

August 2004 to July 2005

AIX Technical Security Analyst for a bank

A combined Project Management, team-leading and technical role involving the design of a process for ensuring security hardening of the Unix based infrastructure within the estate in order for the business to achieve compliance requirements of BS7799 and FSA regulation.

Project and Process Management

- Design and management of a process aimed at the roll-out of securely implemented applications on the corporate infrastructure, primarily AIX, but also applied to all OS platform builds and applications including HP and SUN. This process included:
 - analysis of build against relevant standard
 - analysis of bespoke and third party software
 - non-compliance risk analysis, management and resolution
 - operational handover
 - operational audit and monitoring



- Input to architectural standards group, ensuring a security element is included in the design of all Systems, and ensuring the Project Management Methodology incorporated security element in the standard technical implementation stage.
- Design of technical standards for operational configuration of Unix systems.
- Design of the service introduction procedures and requirements for bespoke and off-the-shelf third-party software and services.

Technical Engineering / Administration

- Definition, design and testing of secure builds from each of the main supplier distributions, and amendment of the security process once the secure builds had been implemented.
- Design and implementation of the security platform layer on each of the secure builds.
- Design of the low-level system audit policies and procedures ensuring both legal and commercial compliance requirements are met. Creation of scripts to automatically perform these security procedures and collate and process the results.
- Troubleshooting security access issues.

Other Software: A wide variety of approved software products including operating systems, infrastructure management and security software (Tivoli, Best, ESM, CA eTrust etc).

April 2001 to June 2004

AIX/RS6000 Systems Architect for a healthcare company

Responsibilities & Skills

- Systems Administration
- Project Management
- Systems Monitoring
- Capacity Planning
- Performance Measurement & Tuning
- Training

Contracted to provide administration for the installation, configuration and maintenance of a brand new RS6000 / AIX V4.3 instatement. The new system was a cutting edge ERP system created in PeopleSoft, which provided the platform for the complete business migration from the existing AS400 system. As the only skilled RS6000 technician on site the position held a great deal of responsibility. I was responsible for the installation, management, and maintenance of the AIX installation. Including programming scripts for message manipulation.

Technologies used included:-

DB2 Database, PeopleSoft Applications, WebLogic Web Server, HACMP cluster, SAN architecture (fibre zoning) on an EMC Symmetrix model 8730, MQ series.

Other responsibilities included the configuration, maintenance and support for the following: -

AIX, HACMP, EMC storage software - Control Centre Suite - Timefinder - Volume Logix, PeopleSoft Application Server, SAMBA File Sharing, "Big Brother" Web/Based System Monitoring Software, Foglight Systems Monitoring, Secure Shell (SSH client/server software), Tivoli Workload Scheduler.



Nov. 1999 to March 2001

AIX/RS6000 Team Leader for an outsourcing company

Responsibilities & Skills

- Systems Configuration/Ordering Systems Administration
- Tivoli Systems Management
- General Management
- Project Management

In charge of a team of three administrators and six operations staff, performing general day to day management duties as well as planning major projects. Projects include a migration and rationalisation of services, server relocation and SAN Evaluation involving the new ESS ("shark") solution from IBM. Responsible for the Tivoli design and implementation of TME 10 solutions comprising of Policy Regions, Profiles, Profile Managers, Administrators and Task libraries. Tivoli admin responsibilities include installation, configuration and trouble shooting of TMR Servers, Managed Nodes & Endpoints, Distributed Monitoring, and TEC Server. The hardware covered by the Tivoli Framework includes a full range of RS6000 standalone servers plus three SP Frames (25-30 servers). General daily responsibilities include Capacity management and planning; Project support; Disaster recovery planning and support; Systems security review; New IBM technology review and selection; Liaising with upper management; Maintaining and managing shift rotas;

Team performance appraisals; SAN Storage review; and Various levels of management information reporting of systems performance statistics presented with Excel charts and spreadsheets.

Feb. 1999 to Nov 1999

AIX Systems Architect for a bank

Responsibilities & Skills

- Systems Configuration/Ordering Installation & Environment design & Build
- AIX, RS6000, SP
- Systems Administration

Hired primarily for six months to act as systems architect for a new funds management project being built on RS6000 hardware. Also involved in the specification for a new satellite television banking system using SP technology. Once the production systems are in place the funds management and television banking systems will be sharing two SP frames, with two control workstations using HACMP, an external SSA disk rack and an ADSM tape subsystem.

July 1996 to Feb 1999

Analyst Programmer / Project Manager for a bank

Responsibilities & Skills:

- Analysis, Design and Development
- Systems Analysis and Design
- Technical Support
- Project Management
- Systems Administration (RS6000 / AIX)

Initially a four-month contract on customer site at Leeds as the principal programmer of a team of three responsible for enhancing, system testing and implementing a mailing system. The system, written in DATABASIC, is installed on a Sequoia machine with Sequoia's own PICK residing on top of a UNIX operating system. Mailing data is formulated and gathered in a queuing system for redirection either direct to the Xerox printer or to tape for printing later. Appointment extended multiple times to work on the migration of DATABASIC code from the original Sequoia machine to a new IBM SP (a set of 10 *clustered RS6000s* in one cabinet). The code migration involved converting code from PICK DATABASIC to jBASE on AIX.



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Previous experience details available on request

APPLICATION/BUSINESS EXPERIENCE

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|------------------------------------|---|
| Sales Order Processing | Train Overhaul Maintenance and Scheduling |
| Purchase Order Processing | Asset Management |
| Stock Control/Inventory Management | Financial Systems |
| Factory Management | Payroll |
| Steel Stockholding | Building Supplies |
| Mailing control and printing | Banking |
| System administration | Call Centres |
| Team Management | Project Management |
| UNIX Security | UNIX Upgrade process management |

QUALIFICATIONS

B TEC in Business Studies

'O' Levels
Maths
English
Physics
Computer Studies
Geography
Statistics
Business Studies
Technical Drawing