

Bryan Dongray:

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Work experience:

UNIX (many flavors)

Most recent: Linux (Redhat, CentOS, Ubuntu)

Others used: Solaris, AIX, IRIX, BSD, HPUX, Unicos

Scripting: C, shell, perl, awk, some python, ruby admin, some SQL

Massively parallel processing, distributed systems, server farms

Network storage servers

From small to massive arrays, and virtualization (NetApp, F5 ARX, EMC over NFS, CIFS)

Virtual servers

VMWare and VirtualBox (desktops and servers), Netapp simulator

Interacting with networking

Routing, firewalls, loadbalancing (mainly Cisco)

TCP/IP, VPN (and other remote access methods), LAN/WAN

Infrastructure admin (some architecture design)

SMTP(sendmail), POP3/IMAP, HTTP, SSL, FTP, NTP, DNS, VPN, NIS, LDAP, Wiki, syslog, NFS, CIFS,

SVN, RCS, QuickStream, SCCS, some CVS, Clearcase, Git

Monitoring: Nimsoft, some Nagios, a lot of home grown

Web

Design, programming, configuration, support

Apache, Tomcat, TC server, Weblogic, home grown

Security

OS hardening (and firewalls), encryption, SSL, web certs, DMZ, network (Cisco PIX, Checkpoint), scanning (Nessus, nmap, home grown)

PC (including MAC)

Desktop installation, backup/restore (some server based roles)

Database

Design, coding, admin mainly Oracle and some MySQL

X11 and other graphics protocols

Computer languages programmed:

C, shell/perl/awk, (some ruby & python), SQL, HTML/CGI, Pascal, FORTRAN, lisp, babbage, 680*0, 80*86, Cray assembler, GEC 4000 series, Sparc, macro 11.

Education:

School: 9 O-levels, 4 A-levels, Computer Science degree (BSc with honors).

Business: VMware admin, Netapp, Tibco, Redhat, Solaris, Cray, SGI, AIX, TCServer, Oracle DBA, Cisco PIX & CheckPoint firewalls, Networking (TCP/IP, Nestar), Security (SANS: Tracks 4 & 7)

Personality: Time management, Team building, Remote management, Quality Assurance, Effective Communication, French

Employment history:

Aug.12-present Taos Mountain (consulting & services)

Job title: *Technical Consultant (Linux)*

Project to move NIS authentication into AD; massively parallel ssh

Mar.07-Feb.12 Align Technology (makers of Invisalign clear braces)

Job title: *Senior System Admin*

Prod & multiple dev environments: Linux systems spec, build, install, deploy, maintain, monitor (VM and physical); Massive data storage maintenance, scan, repair, monitor, maintain, and data layout design; Maintain versioning systems (code and production data); Backups;

Jan.06-Oct.06 Google USA (Internet search engine)

Job title: *Site Reliability Engineer*

Monitor, configure massively parallel crawl and index systems; Design, code, implement search engine improvements; Interview candidates for high quality technical skills;

Apr.03-Dec.05 Metris USA (Credit card/bank), now HSBC

Job title: *Information Security Specialist*

Distributed system monitoring and maintenance; Sysadmin, volume management, performance and capacity planning; New hire security awareness training;

Oct.98-Feb.03 Silicon Graphics USA (HighEnd Computer manufacturer)

Job titles: *Information Security Analyst, Senior Network Security Architect*

Security design and architecture (employees and Vendor/Partner access); Security policies and investigations; Network design and configuring; Secure remote access; Various web interfaces for employee/network monitoring and tools; Antijunk (spam) email gateway; UNIX "guru" (answer anything on UNIX, networking, email, C, HTML, SQL, security);

Oct.94-Oct.98 Cray Research USA (SuperComputer manufacturer)

Job titles: *UNIX System admin, DBA, Data Security Leader*

System and DBA admin; Network design and configuring; Security policies and investigations; Secure Web gateway; Secure remote access; Web interfaces for employee/network monitoring and tools; Anti-spam gateway; UNIX "guru" (answer anything on UNIX, networking, email, C, HTML, SQL, security);

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Jul.88-Oct.94 Cray Research UK (SuperComputer sales/support)

Job titles: *UNICOS Support Engineer, Software Development Engineer, UNIX Software Services Support*

Customer support Bureau support & accounting; System/network admin; Service centre installation + email interfaces; Software dev of File Transfer Agent into Cray system; Email postmaster + improve email worldwide; Employee DB updates + reports; Demos; Many user tools; Web admin and programming;

Mar.88-Jun.88 Sun Microsystems (Computer manufacturer)

Job title: *Application Software Engineer*

Support DB; Train users; Sys admin & tools; Int'l hostname allocation & net setup; MIS comm link;

Oct.86-Feb.88 System Simulation Ltd (Software house)

Job titles: *Senior software design engineer, System manager*

Improved textual DB; RT graphics; Port DB app to PC; Sysadmin; Customer support;

Jul.85-Aug.86 Manufacturers Hanover Trust (New York bank)

Job title: *Senior Programmer*

International banking PC application; PC networking and system admin; Programmer tools;

Jan.84-Jun.85 System Simulation Ltd (Software house)

Job titles: *Software design engineer, System manager*

Design, implement, install, support textual DB; Sysadmin; Office, programmers, and system utilities;

Sep.83-Jan.84 GEC Computers (Government software development)

Job title: *Graduate programmer*

Pascal debugger; Screen editor (vi for GEC system);