

Larry Breyer

Education:

San Diego State University, San Diego, CA
Bachelor of Science in Electrical Engineering

Technical Training: Oracle and Sun Microsystems

Technical Summary:

Solaris/Linux Systems Administrator

- Full range of system administration skills on Solaris and Red Hat.
- Install, monitor, upgrade, patch, profile and trouble-shoot.
- NAS/SAN on NetApp and Sun Storage.
- Backups using ufsdump, Bakbone, and Veritas.
- Load balancing with Cisco Local Director and Sun Grid Engine.
- Virtualization with Solaris, VMware, and Xen.
- Process control using quotas, access control lists (ACL), and Projects.
- Configuration management using cfengine, RCS, CVS, and Subversion.
- Rapid deployment using jumpstart, PXE kickstart, and VMware.
- Network analysis and monitoring using snoop, tcpdump, and arpwatch.
- TCP/IP, Samba, NIS, NFS, DNS, DHCP, SNMP, and LDAP.
- SMTP, Sendmail, Postfix, POP, IMAP, and spamassassin.
- Firewalls, NAT, SSH, SecurID, Radius, PGP, SSL, IPtables, ipf, and PKI.
- Programming C/C++, Java, Tomcat, Perl, and Shell.
- Web Services with HTTP, Apache, HTML, XML, CGI, PHP and SQUID.
- Documentation, research, training, testing and evaluation.
- Printers, scanners, wireless access points, KVMs, and concentrators.
- Desktop support on MacOSX, Linux and Windows.

Oracle Database Administrator

- Full range of skills in Oracle application stack.
- Installation and upgrade to 10g and 11g.
- Implement RMAN database backup and replication.
- Create SQL*Plus and PL/SQL scripts and stored procedures.
- Create, backup, monitor, enhance and tune databases.
- Implement raw storage and ASM.
- Implement OLTP, archive logging, and RMAN.
- Implement RAC database clusters.
- Install, configure and utilize various Oracle tools including STATSPACK.
- Create Views, Triggers, Synonyms, Functions, Procedures and Packages.

Bioinformatics Administrator/Programmer

- Perform Linux OS and MySQL database administration
- Shell scripting in Perl, PHP, and bash.
- Database development using MySQL and Oracle PL/SQL.
- Web development using HTML, MySQL, Apache Tomcat, Java
- Software configuration management (SCM) in SCCS, RCS, and CVS.
- Build process control and integration using Make and Ant.
- Testing using debuggers (jdb, dtrace, dbx and gdb), stubs and drivers.
- Document in Microsoft Office, Adobe, and HTML (Wiki and web).
- Quality assurance developing test cases, test plans and procedures.

Experience:

August 2008
To Present

Isis Pharmaceuticals
Carlsbad, CA

SOLARIS/LINUX SYSTEMS ADMINISTRATOR
ORACLE/MySQL DATABASE ADMINISTRATOR

- Provide system, database and application support.
- Support 200 researchers and developers.
- Includes administration of servers and storage devices.
- Sun server (4), Sun SAN(2), Sun NAS (1 x 32 TB).
- 10 servers running Apache/Tomcat on HP/Red Hat.
- Implemented 20 machine Sun Grid Engine cluster on HP/Red Hat.
- Implemented Oracle 10g Grid DBA support on a 2 node RAC.
- Provide Oracle SQL*Plus and PL/SQL programming support.
- Extensive programming in Perl and Java.
- Implemented conversion from 32 to 64-bit Intel.

February 2007
To July 2008

Salk Institute
La Jolla, CA

SOLARIS/LINUX SYSTEMS ADMINISTRATOR

- Providing full range of support for 1200 users.
- Includes, backups, network, accounts, security, and helpdesk.
- 15 servers running Solaris on Sun.
- 45 servers running various flavors of Linux on Dell.
- 1100 desktop systems running MacOSX and Windows.
- Support a wide range of applications including Apache, MySQL, Oracle, Veritas NetBackup, Nagios, Cacti, Highline(Payroll), SunGard (Accounting), SciQuest (Purchasing), and many more.
- Extensive scripting in Perl, Bash, PHP, and others.
- Project planning and implementation.
- Training and documentation.
- Customer service.

October 2004
To February 2007

UCSD
La Jolla, CA

SOLARIS/LINUX SYSTEMS ADMINISTRATOR

- Providing full range of support for 1000 users.
- Includes, backups, network, accounts, security, and helpdesk.
- 12 Department servers running Solaris on Sun.
- 100 research servers running various flavors of Linux.
- 400 desktop systems running Solaris, Linux, and Windows.
- Support a wide range of commercial and open source applications including Oracle, IBM purify, Bakbone NetVault, and many, many more.
- Provided support setting up Sun high-end servers, clusters, and workstations.
- Installed and configured commercial and open source applications.
- Provided technical support to several hundred developers.

Experience

(Continued)

October 2003
To October 2004

Qualcomm

San Diego, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

- Provided technical support for 500 engineers on Sun servers and workstations and NetApp file servers.

October 2001
To October 2003

NMCI

San Diego, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

- Participated in development of a new military Intranet serving 350,000 users globally.
- Worked at the development center and Network Operations Center at the multiple locations.
- Managed high-end Sun servers whose purpose was to secure account administration.
- Deployed Oracle database.
- Responsibilities included backups, reliability, redundancy and security. Tools included: Veritas disk management, jumpstart and many other components of the Solaris software suite.

April 2001
To October 2001

Qualcomm

San Diego, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

- Provided technical support for 500 engineers on Sun servers and workstations and NetApp file servers.

April 2000
To April 2001

Apple Computer

Cupertino, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

- Provided technical support for 80 engineers on Sun servers and workstations and NetApp file servers.

October 1999
To April 2000

Qualcomm

San Diego, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

- Provided technical support for 500 engineers on Sun servers and workstations and NetApp file servers.

October 1998
To October 1999

Lockheed Martin

Sunnyvale, CA

SOLARIS/HP-UX/IRIX SYSTEMS ADMINISTRATOR CONSULTANT

- Supported a group of 50 engineers developing the launch package for their Delta rockets on the Iridium satellite project.
- Support a mix of 50 Sun and HP workstations running a variety of CAD/CAM applications.

- Hardware included an HP and a NetApp file server.

Experience

(Continued)

April 1998
To October 1998

Hotmail

Sunnyvale, CA

SOLARIS/FREEBSD SYSTEMS ADMINISTRATOR CONSULTANT

- Managed large Sun server with an Oracle database behind 75 FreeBSD machines running Apache web server.
- Managed a large Cisco router/switch running Local Director.
- Helped grow systems from 2 million to 20 million email hits per day
- Direct contact with denial of service attacks and email bombs.
- Worked with various ISPs in tracking down people trying to use Hotmail to email bomb their adversaries.

April 1997
To April 1998

Andersen Consulting

San Ramon, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

- Unix consultant in the conversion of Andersen's accounting software from IBM mainframe (COBOL) to Sun Solaris (C++).
- They had been contracted by Iridium (Motorola) to port their software to a Unix environment.
- Managed the huge volume of tiny account transactions typical of cell phone technology.
- Supported 80 software developers.
- Supported backups, software configuration management and debugging development software.

April 1996
To April 1997

Silicon Graphics

Mountain View, CA

IRIX SYSTEMS ADMINISTRATOR CONSULTANT

- Participated in the development and deployment of IRIX 6.5.
- Tested and debugged code on all SGI platforms.

April 1995
To April 1996

Kaiser Permanente

Walnut Creek, CA

SOLARIS/TIVOLI SYSTEMS ADMINISTRATOR CONSULTANT

- Northern regional data center for over 1 million subscribers and 10,000 health care professionals.
- Participated in data migration from IBM mainframes to Sun high-end computers. Used Tivoli application for software and data synchronization and backup to 500 medical centers in Northern California.

October 1994
To April 1995

Montgomery Securities

San Francisco, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

- Support Sun computers in a highly secure and redundant environment (in compliance with strict SEC regulations).