

Larry Breyer (858-597-9880)
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Education:

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

Technical Training: Microsoft, Oracle, Sun Microsystems, Cisco,
and BioInformatics courses at UCSD

**Technical
Summary:**

Senior Technical Support Engineer

- Full range of system administration skills on Windows, Linux, and Unix.
- 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 arpwat.
- TCP/IP, Samba, NIS, NFS, DNS, DHCP, SNMP, LDAP, and Active Directory.
- Office Express, SMTP, Sendmail, and Postfix.
- Firewalls, NAT, SSH, SecurID, Radius, PGP, SSL, IPtables, ipf, and PKI.
- Programming C/C++, Java, Tomcat, Perl, and Shell.
- Web Services with HTTP, IIS, 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.
- Tier 3/4 help desk support

Database Administrator

- Full range of skills in SQL and Oracle application stack.
- Installation and upgrade to Oracle 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.
- Program database applications using ODBC and JDBC.
- Create Views, Triggers, Synonyms, Functions, Procedures and Packages.

BioInformatics Engineer/Programmer

- Perform Linux OS and MySQL database administration
- Shell scripting in Python, 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

Bioinformatics System Administrator

- Provide system, database and application support.
- Support 200 researchers and developers.
- Includes administration of servers, storage, network, desktop.
- Sun server (4), Sun SAN(2), Sun NAS (1 x 32 TB).
- 20 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, Python and Java.
- Implemented conversion from 32 to 64-bit Intel.

October 2004
To July 2008

Salk Institute
La Jolla, CA

System 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, Python, and others.
- Project planning and implementation.
- Training and documentation.
- Customer service.

October 1990
To October 2004

Independent Contractor
Bay Area counties, Los Angeles, Orange, and San Diego

System Support Engineer

- Clients included Qualcomm, Solar Turbines, Kaiser Permanente
- Clients include Electronic Data Systems, General Dynamics
- Clients included Lockheed Martin, Hughes Aerospace, RAND
- Clients included Apple Computer, Sun Microsystems, SGI, Hotmail
- Clients included Montgomery Securities and Andersen Consulting
- Providing full range of support for 100 – 1000+ users.
- Includes, backups, network, accounts, security, and helpdesk.
- Department servers running Solaris, Linux, or Windows.
- Desktop systems running Windows including XP, Vista, 7.
- Provided support setting up HP, Dell, IBM, and Sun servers, clusters, and workstations.
- Installed and configured commercial and open source applications.
- Provided tier 3 and 4 support to helpdesk and developers.