

Senior Database Engineer Senior Database Engineer Senior Database Engineer - Ellie Mae  
Fremont, CA To obtain a position as a Senior Database Administrator, utilizing my strong technical,  
functional, analytical and communication skills in a challenging environment. Work Experience  
Senior Database Engineer Ellie Mae - Pleasanton, CA September 2018 to Present Designed,  
developed and managed PostgreSQL database in AWS environment. Developed and set up HA,  
DR solution for PostgreSQL Developed custom scripts for monitoring PostgreSQL Provisioned  
AWS EC2 instance using Terraform and Jenkins and improved the process by automation.  
Experienced in AWS services like VPC, EC2, S3, IAM Deployed mongoDB in AWS, upgrade and  
troubleshoot performance issue. Deployed Redis clusters in AWS Set up SQL server in Linux  
and participated in the migration from SQL server to PostgreSQL. Backup and restore databases  
in SQL server databases. MTS DBA eBay - San Jose, CA June 2007 to July 2018 Core QA &  
production ownership for NoSQL databases including Couchbase, Mongo and Cassandra spanning  
hundreds of clusters and thousands of nodes in eBay private cloud. Delivery of HA for NoSQL with  
multi-datacenter environment. Delivery of DBA home grown monitoring and self-healing framework  
to maintain health of NoSQL clusters and nodes. Worked with product development team to  
support their mission critical NoSQL needs for capacity planning, setup, expansion, performance  
tuning and disaster planning needs. Full lifecycle management for all NoSQL software and  
hardware. Close partnership and input to NoSQL vendor teams with support engineers,  
troubleshooting performance problems, log analysis, bug discovery, product input to fix features and  
full testing and deployment. Troubleshoot data transfer from couchbase to Elasticsearch as part of  
internal product strategy. As a member of QA/Development team, provided support for 150+  
QA/Development Oracle databases (range from 50GB to 5 TB) and 30+ MySQL servers. Setup  
and supported Dataguard / Active dataguard, Golden Gate for oracle databases and implemented  
other replication solutions. Led setup of oracle databases cloning using Netapp and provided  
developer tool to clone database on demand, resulting in saving time for data copying, and  
significant reduce of storage usage. Led the efforts of datacenter move of 200+ oracle instances  
by setting up dataguard standbys, and executing graceful failover to new datacenters. Routinely

installed and upgraded different versions of Oracle and NoSQL databases. Planned and setup Oracle and NoSQL databases for new project launch, and subsequent capacity planning.. Set up master-slave and master-master for mission critical NoSQL databases to ensure disaster recovery in shortest period of time possible. Monitored, identified and resolved database performance problems across NoSQL / Linux platforms. Worked with developers and data architects to provide technical expertise on performance tuning, database design and resolved other bottlenecks in the Application. Participated in automation of routine DBA such as node replacement, tablespace addition, file system usage, export/import, schema change etc, so we can manage large number of databases. Provided 24x7 production on-call to database operational support on rotating basis.

Senior Oracle Database Administrator Yesmail/infoUSA - San Carlos, CA March 2003 to May 2007

Provided 24x7 support for large production databases (range from 400GB to 3 TB ), such as backup and recovery, tablespace and datafiles management, users, role and privilege management, disk space monitoring and performance monitoring. Completed upgrade of databases from version 8i to 9i and from 9i to 10g. Routinely Monitored and tuned production performance issues using utilities such as OEM, STATSPACK, DBArtisan and Spotlight. Set up Resource Manager plan to prioritize the utilization of database resource. Set up replication for reporting database using snapshots and advanced replication. Responsible for routine maintenance of 10+ development/qa databases. Routinely cloned and refreshed database from production to development and qa environment. Synchronized qa/development databases with production databases structures by Change Manager. Set up and maintain standby databases for disaster fail-over and graceful switchover, and for datacenter move. Worked with developers and client service engineers to identify and tune the problematic SQL queries and resolved other bottlenecks in the Application. Implemented partitioning for data aging as well as performance tuning. Developed stored procedures and coordinated with developers to incorporate the codes into the application. Provided support for application releases from development, qa to production. Designed and implemented scripts to monitor the growth of production database for capacity planning. Developed PL/SQL and unix scripts for generating custom reports and data processing. Provided

24x7 on-call database operational support on rotating basis. Oracle Database Administrator ClickAction Inc - Palo Alto, CA August 2000 to March 2003 Responsible for data loading from list files into the Production database using a combination of SQL loader, shell-, awk-, sql-scripts, stored procedures and functions. Upgraded the production database from 8 to 8i, and from 8i to 9i. Provided backup, recovery, and turning of the production database. Exported and imported data from production database to development database. Developed shell script for custom data extracts from Production database. Set up and maintained reporting database for Data Warehousing. Developed custom web based report using PHP and Oracle Reports6i. Maintained and developed custom EXCEL reports using Shell and PL/SQL procedure. Responsible for providing support to the clients in maintenance of their data. Database administrator/Scientist Genelabs Technologies, Inc - Redwood City, CA May 1998 to July 2000 Responsible in maintenance RS3 (Oracle 7.3) database, backup and recovery, Provided support to database users. Wrote SQL queries for the end users. Preprocessed the assay data and loading into database. Education certificate Foothill College September 1999 to June 2000 B.S. in genetics and genetic engineering. in genetics and genetic engineering Fudan University - Shanghai, CN Skills Sql Server, Nosql, Mongoddb, Oracle Database, DBA, PostgresSQL, Cassandra, Couchbase, Sql

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