

MongoDB Administrator MongoDB Administrator Database Architect - Snapfish San Francisco, CA

Overall experience of 11+ years in the IT industry    8+ years of experience as Oracle Database Administrator providing 24x7 Support for critical Oracle Production Databases.    7+ years of experience in setting up and maintaining the Vertica Analytical database on a multi node cluster  
6+ years of experience in setting up 114 node MongoDB Sharded cluster.    2+ years of experience in Managing ScyllaDB clusters in multi datacenter mode.    7+ years of experience in Managing ETL framework with extensive knowledge using Pentaho data integration tool    Expert in managing the production databases where the number of application user's connection to database is over 2400  
Expert in setting up the infrastructure for the database    Ability to Create and maintain documentation at Enterprise level standards    Strong experience in working on LINUX environment  
Strong experience in setting up databases on VM's    Expertise in setting up and maintaining Data Guard    Having hands on experience in tuning Application SQL's    Having hands on experience in tuning and troubleshooting Application queries on MongoDB stack    Expertise in Implementing Physical standby database & Maintenance    Expert in tuning the primary and standby database in Data Guard environment    Performed Switchover and Failover of Data guard databases  
Experience in setting up the OEM Agents in all databases that are controlled by Grid    Having hands on experience in Performance Tuning both at application and instance level (Instance and Program level).    Designed and Implemented Hot & Cold Backup Strategies Using RMAN.  
Expertise in Database performance tuning by analyzing AWR reports.    Expertise in maintaining Database Security using Auditing.    Working experience in both OLTP and OLAP environments.  
Experience in handling manual ETL process    Good knowledge in Identification of User requirements, System Design, Schema Design, writing Program specifications, Coding and implementation of the System.    Experience in working on Vertica Analytical database    Experience in upgrading oracle/vertica/mongodb environments  
Work Experience MongoDB Administrator Snapfish February 2013 to Present Responsibilities:    Setup/Configure 38 Shard production cluster in mongodb on vmware    Manage multiple clusters QA, Staging & Production    Implement data at rest encryption for PII and PCI data clusters using SSL keyfile mechanism    Implement

authentication to mongodb using LDAP and SCRAM-SHA1 methodologies    Implement grafana and graphite for monitoring the reporting purpose    Assist in Data migration from Oracle 11gr2 to mongodb 2.4.10    Tune Slow running queries    Validate schema design    Manual Chunk migration    Setup/Configure On-Prem MMS for monitoring the mongodb setup    Setup On-Prem mongodb Backup    Upgrade On-Prem MMS to Ops Manager    Develop scripts for backup    Setup/Configure Icinga/nagios for monitoring the VM infrastructure    Rolling Upgrade of Mongodb cluster from 2.4.10 to 2.6.5    Rolling Upgrade of Mongodb cluster from 2.6.5 to 3.0.8, 3.2.10    Create monitoring scripts using bash and python    Other Relevant Information:    Visa: H1B    Valid till: Feb/2021    Database Administrator/Architect Snapfish March 2008 to Present Responsibilities:    Star schema designing for data warehouse environment    Wrote shell scripts for a newly created database.    Deployed 11gR1 database to Production.    Upgraded 11gR1 to 11gR2    Deployed 10 node vertica analytical database cluster    Deployed 38 Shards Mongodb cluster on a private cloud    Upgraded vertica cluster from 3 nodes to 10 nodes    Upgrade Vertica from 5.0 > 5.1 > 6.0.0.3 > 6.0.1    Create External procedures in vertica    Create Custom resource pools in vertica    Tune Projections in vertica using database designer    24x7 support for Vertica database    24x7 Production Support / Data Guard.    24x7 Production Support for Mongodb cluster    Manage all primary on-call DBA activities such as checking on tablespace problems, checking for fragmentation.    checking on nightly/weekly backup problems, responding to any Oracle errors, and deadlock conditions    Provide expert Oracle technical input and support for database upgrade projects and implement these game plans for the upgrades    Set up, configure and maintain the physical standby databases with Data Guard for switch over and failover scenarios    Work closely with development teams on trouble-shooting SQL issues    Improving database performance and uptime SLAs    Design, and implement database backup/restore infrastructure using Oracle RMAN    Maintain, enhance, and monitor the Environment through various customized tools such as: Oracle Enterprise Manager Grid Control (OEM GC) for monitoring production Oracle databases    Applied Quarterly PSU to all the production databases.    Performed refreshes of test and UAT databases using datapump and exp/imp.    Managed multi node cluster in the Vertica Analytical database environment

Setup/Configure sharded cluster for QA, Staging & Production clusters using mongodb.

Setup/Configure MMS for monitoring the mongodb setup. Setup/Configure Icinga/nagios for

monitoring the VM infrastructure Setup/Configure Vertica management console for monitoring

Vertica cluster Setup/Configure Vertica on VM's Throughput testing using iperf Tuning query

performance in mongodb by creating indexes after analyzing the explain plans Tuning query

performance in Oracle 11g by analyzing the AWR reports, identifying the most resource intensive

SQL's Altering the SQL baseline plans using DBMS packages Setup monitoring jobs using bash

scripts Managing chef cookbooks Setup internal git repository Managing code using internal

git repository DBA Snapfish March 2008 to May 2012 The Scope of Services encompasses the

development and implementation of a reporting data mart. The main aim of this system is to support

the marketing and finance teams in decision making. It had a huge impact on the finance team by

providing the aggregate numbers during the MEC in a more efficient and time saving manner. The

current system is supporting the customer base of over 140 million active customers which is rapidly

growing across the world. We have our customer base across 22 countries. Responsibilities:

Designing the data base schema architecture for the reporting data mart. Creating primary objects

(tables, views, indexes). Creating procedures to load the data. Modifying the database structure,

as necessary, from information given by application developers Controlling and monitoring user

access to the database Query-tuning using EXPLAIN PLAN, HINTS and STATSPACK Design

and code Data Base Packages, Procedures, and Views Monitoring the daily loads.

Onsite-Offshore coordination. Manage data migration from Oracle to Mongodb Manage

Sharding in mongodb Mongodb Cluster management MMS monitoring Icinga Cluster

monitoring Vertica analytical database upgrades Manage 10 Node Vertica cluster

Performance tuning of projections in vertica Automation of monitoring jobs in Vertica/Mongodb

Deploy code changes using chef Developer Snapfish January 2008 to June 2010 The Scope of

Services encompasses the development of marketing driven reports to support the marketing team

in understanding the business performance and help them make decisions in customer acquisition.

The current system has a customer base of over 94 million active customers which is rapidly

growing across the world in 22 countries. Responsibilities: Designing the reports as per the marketing requirement. Creating primary objects (tables, views, indexes). Query-tuning using EXPLAIN PLAN, HINTS Writing scripts in shell to execute the SQL and PL/Sql blocks Education PG Diploma Swinburne University of Technology Australia June 2005 B-Tech University of Madras May 2001 Skills DATA MODELING, ORACLE, ORACLE TOOLS, PL/SQL, POSTGRES, Javascript, Linux

Name: James Stanley

Email: mclaughlinthomas@example.net

Phone: (825)578-3036x0735