

VERTICA DATABASE ADMINISTRATOR VERTICA DATABASE ADMINISTRATOR Work Experience VERTICA DATABASE ADMINISTRATOR South Jordan, UT September 2018 to Present

Reconfigured resource pools to maximize available resource utilization by freeing up +50Gb of memory    Planed and implemented migration of Vertica clusters onto newer hardware    Created scripts to automate configuration of RedHat 7.4 to prepare OS for Vertica installation (old scripts configured RedHat 6.8 for Vertica installation)    Created Vertica docker container for testing database scripts and procedures    Re-wrote database setup scripts to streamline database setup and configuration    Installed and configured Vertica Management Console to monitor existing clusters

VERTICA DATABASE ADMINISTRATOR New York, NY March 2018 to September 2018

Setup, configured and monitored Kafka Vertica integration and fully documented the process    Provided partition strategies for tables, with optimization and ROS container considerations in mind    Backed up business critical tables and tested restoring the data    Assisted DBA teammate with MySQL duties    Created and assigned profiles to database users for greater security    Created new users with limited privileges to replace superuser users in existing scripts/applications

ASSOCIATE VERTICA DATABASE ADMINISTRATOR American Fork, UT May 2016 to March 2018

Install and configure Vertica clusters (data center & AWS) for production (including CentOS configuration)    Restart and diagnose node and cluster failures    Tune and optimize queries using projections, flattened tables and directed queries    Automated the creation, testing and evaluation of Database Designer projections using the Vertica database designer functions, python and ServiceNow saving up to 2 hours for each design    The above automation scripts allowed us to go from 2-4 designs a week to up to 300    Train a group of 5 offshore contract DBAs, helping them get set up with the necessary AD groups, services and applications, and familiarizing them with the Vertica DBMS (their background being MySQL)

INFORMATION SYSTEMS & TECHNOLOGY TUTOR Utah Valley University - Orem, UT July 2015 to December 2015

Tutored students in database design, and data warehousing principles in SQL Server    Helped students understand the syntax of DML queries, stored procedures, functions, triggers, and cursors    Tutored students in Excel and Access    Tutored students in object-oriented programming with C# and Swift

Education BACHELOR OF

SCIENCE in Information Systems and Technology Utah Valley University - Orem, UT December  
2016

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