

Security Architect Security Architect Security Architect - DTCC Tampa, FL Highly motivated database security subject matter expert with demonstrated leadership and teamwork skills; able to work under minimal supervision and direction. Work Experience Security Architect DTCC - Tampa, FL March 2014 to Present Design and Delivery Responsible for the administration and enhancement of the IBM InfoSphere Guardium database monitoring appliance. This appliance provides the ability to do real-time database activity monitoring scans, security baseline compliance checks, vulnerability assessment scans, and Incidents of Concern (IOC) reporting on all DTCC databases. Responsible for designing and implementing on-premises and cloud database security solutions to meet Technology Risk Management (TRM) project and policy requirements for the MS SQL, Greenplum, Oracle, Sybase, Mainframe, UDB, MySQL, PostgreSQL, and Aurora databases Responsible for the system administration and infrastructure of 36 IBM InfoSphere Guardium appliances Responsible for the deployment of Guardium real-time database activity monitoring agents, data collection policies and compliance reports Responsible for implementing database vulnerability scans, database compliance to security baseline checks, and user entitlement reports for all database types using Guardium Responsible for designing and implementing Amazon Web Services (AWS) microservices applications Responsible for ensuring database security events are captured and scanned for incidents of concern security events Ensure security metrics is gathered and discussed with database platform owners to ensure sustainability and coverage of security processes Responsible for addressing all Infrastructure Security Services internal/external databases audits Responsible for analyzing the IBM Guardium product and provide request for proposal (RFP) documents for enhancements needed Responsible for creating/resolving service request, incident, problem, and change management tickets Database Security and Storage SME Responsible for creating/updating all non-mainframe database and storage device security baselines based on the Center for Internet Security (CIS) benchmarks, and Security Technical Implementation Guide (STIG) standards Responsible for reviewing the risk exceptions and deviations submitted by database and storage device platform owners in order to provide mitigating security controls that are required to be implemented to meet compliance requirements

Responsible for identifying gaps in database and storage device security controls and submit to audit using the National Institute of Standards and Technology (NIST) cybersecurity framework

Responsible for creating and updating DTCC database and storage device security policies and control standards

Responsible for creating technical documents and designs for proof of concepts of new solutions to improve database and storage device security implementations

Responsible for reviewing all database and storage device FOSS requests with vendor risk management (VRM) to ensure they are in compliance with DTCC control standards and policies

Responsible for addressing all Technology Risk Management databases and storage device internal/external audits

Production Engineer Acclaris - Tampa, FL February 2013 to February 2014

Responsible for analyzing and resolving process failures that occur while transferring HSA, Payroll and Claims files between Fortune 500 companies, banks, and their employees

Responsible for all Cron jobs that run on 4 of the 5 Production platforms

Responsible for creating, updating, and analyzing bourne shell scripts in order to resolve escalated daily issues

Responsible for analyzing pl/sql procedures and packages in order to resolve escalated issues, and outline code fixes needing to be implemented by the Software Engineering team

Coordinated with the IT team and client managers to discuss and resolve identified process gaps/issues based on the business roles of the specific clients

Responsible for doing peer to peer review of all pl/sql code and bourne shell scripts before it is implemented in the Production databases, or linux servers

Responsible for creating/updating reports that are provided to upward management and client managers in order to display the trends of Fortune 500 companies participant debit card transactions, claims, and enrollment of services

Responsible for on-call monitoring rotation Sr. Database Administrator Wellcare - Tampa, FL July 2012 to October 2012

Responsible for maintaining all Oracle and SQL Server database in the Production, UAT, and QA environments

Administrator for the Oracle and SQL Server databases on 300+ servers with sizing from 100GB - 2TB

Responsible for maintaining Transactional Replication to Disaster Recovery databases

Responsible for maintaining and configuring backup jobs

Responsible for maintaining transactional databases processing 400 - 600 batches per second

Implemented the promotion of Oracle and SQL code,

stored procedures, tables, triggers, packages, and user security between all environments

Responsible for maintaining 4 node SQL Clusters      Coordinated with IT Team in order to patch the Oracle software with the OPatch patchsets      Coordinated with IT Team in order to implement Oracle database patches      Responsible for monitoring and resolving all Oracle and SQL Server database error alerts      Monitored and implemented performance tuning solutions to maintain Oracle and SQL database by analyzing TSQL and stored procedure execution times, I/O, wait times, and CPU      Monitored and maintained database data and log file sizes      Responsible for editing and implementing Oracle Cron jobs      Responsible for on-call rotation

Sr. Database Administrator Outback Steakhouse Inc - Tampa, FL April 2008 to May 2012 - Sr. SQL DBA

Responsible for the Production, QA and Development SQL Database servers      Administrator for 21 servers and 300 databases sizing 10GB - 600GB      Administrator for 3 SSRS databases      Managed all user creation, roles, and rights      Performed upgrades from SQL 2000 to SQL 2005, and SQL 2005 to SQL 2008      Installed and configured SQL Server 2005 & 2008 instances on Windows Servers 2003 & 2008 r2      Installed and configured SQL Server clients on developers desktops and laptops      Implemented and maintained 2 Database Mirroring high availability solutions

Implemented and maintained Disaster Recovery solution      Coordinated with IT team and users in order to implement latest SQL service packs      Coordinated with server team in order to apply critical windows server patches      Monitored and maintained database data and log file sizes      Responsible for maintaining transactional databases processing up to 1500 batches per second      Implemented all TSQL code, stored procedures, tables, and triggers into all database      Monitored and implemented SSIS and maintenance jobs      Responsible for monitoring Windows and SQL Server error logs in order to resolve all issues      Monitored and implemented full and incremental database backups using NetBackup      Monitored and implemented solutions to maintain database performance by analyzing TSQL and stored procedure execution times, I/O, wait times, and CPU

Implemented and rebuilt table indexes in order to maintain database performance      Coordinated with server team to maintain SQL Server licensing      Provided 24x7 support for all applications using a SQL database for all departments      - Oracle DBA      Coordinated with developers to promote

TSQL & PL/SQL code, stored procedures, tables, schemas, dblinks, and package changes from development to the test and production environments      Edited and implemented Cron jobs

Maintained the tnsnames file on local computers, and the Linux & UNIX servers      Monitored and trouble-shoot query performance using grid control and Toad      Created and managed user creation, roles, and rights      Monitored tablespace and data file size      Monitored grid control alerts

Created and monitored batch jobs using grid control      Created multiple table dump files      Provided 24x7 support for all applications using a Oracle database for all departments

Customer Account Executive Comcast Corp - Atlanta, GA July 2006 to November 2007      Supported over 100 High Speed Internet and Cable customer account representatives. In charge of supervisor escalations and customer account representative training on internet troubleshooting procedures.      Provided assistance with network connectivity (TCP/IP, Proxy, DNS, and NIC).

Project Manager North Carolina Agricultural and Technical State University - Greensboro, NC January 2006 to May 2006

Initiated and implemented the creation of an e-mail system for the computer science department using Microsoft Exchange 2003 and Windows Server 2003.

Internship Vanderbilt University - Nashville, TN June 2004 to August 2004 - UML & Visual Analysis      Programmed a digital web camera to visually track a robot, going through a maze, utilizing a Vanderbilt designed Generic Modeling Environment(GME) and C++ coding.      Built and programmed a 2nd robot to hold a laser pointer to track a robot going through a maze gathering the coordinates from a stationary digital web camera.

Education Bachelor's in Computer Science North Carolina Agricultural and Technical State University - Parsippany, NJ November 2007 to February 2008

Skills database (9 years), databases (10+ years), Oracle (9 years), solutions (9 years), Sql (10+ years), Siem (5 years), Information Security (5 years), Nist (5 years), Cyber Security (5 years), Linux (10+ years), Cybersecurity (5 years), It Security (5 years), Information Assurance Certifications/Licenses AWS Solutions Architect Associates July 2017 to July 2019

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