

Oladapo Adetunji

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SUMMARY

Highly skilled Cloud Architect that specializes in building highly available and fault tolerant environments using AWS EC2, Lambda, Auto Scaling, Elastic Load Balancing, Elastic Beanstalk, VPC, Direct Connect, Route 53, S3, Glacier, EBS, Storage Gateway...e.t.c While also provisioning and managing Oracle software and hardware solutions – Oracle RAC, ASM, DataGuard, EM 12/13c, Exadata, Supercluster, ZFS, and ODA.

TECHNICAL SKILLS

AWS :

- IAM and DB Account Management
- RDS and EC2 Provisioning
- DB Security Groups
- VPC Security Groups
- Migration compatibility analysis
- Migration configuration
- Ongoing Data Replication
- CloudWatch Alarm Administration
- CloudWatch Logs and Events
- Region/ Availability Zone Configuration
- Multi-AZ (HA) Deployments

Oracle:

- 10g/11g & 12c Database Administration
- Enterprise Monitoring Deployment
- Oracle RAC & ASM Installation/ Administration
- Grid Infrastructure
- Performance Tuning
- RMAN backup and Recovery
- Active DataGuard
- Engineered systems Config/Management
- Data Pump and SQL Loader
- Goldengate
- Patching & Upgrade

CERTIFICATIONS

AWS Certified Developer - Associate
AWS Certified Solutions Architect - Associate
AWS Certified Solutions Architect - Professional (In-Progress)
Oracle Database Administrator Certified Associate (OCA)
Oracle Database 11g Structured Query Language (SQL)
ITIL v3 Foundation Certified

OTHER SKILLS

- Excellent business management and development skills
- Efficient leadership qualities and team management skills
- Good communication (verbal and written) and interpersonal skills

EXPERIENCE

Cognizant, Teaneck, NJ
Assoc Director / Principal Cloud Architect

04/2019 – Present

Cognizant is an American multinational corporation that provides IT services, including digital, technology, consulting, and operations services.

Key projects:

- Leverage AWS Cloud Resources/services to migrate and deploy the existing on-premises mobile application to ECS Fargate.
- Build, Scan, and Deploy base and application image to Docker Repository and Amazon ECR.
- Utilize GoCD for building pipelines, submitting base and app images for security vulnerability scanning in Veracode, Rapid 7 and Blackduck.
- Generating Deploy pipelines in GoCD for promoting Infra and App code from DEV environment to PROD.
- Leveraging Terraform to manage and deploy AWS resources.
- Mobile Banking system with a serverless Infrastructure approach using AWS Fargate, API GW, CloudFront, and NLB's to deliver end to end communication.
- On-Demand Infrastructure with state-of-the art DevOps integration
- End-to-end DevOps implementation for testing and automation for Mobile app banking and API testing
- Intuitive and innovative monthly production releases process
- Autoscaling ECS Fargate Cluster and Load Balancing tasks based on CPU and RAM usage.
- Implementing SQS and SNS for notifications and transaction logging and processing.

Old Dominion Freight Line, Thomasville, NC
AWS Solutions Architect / SME ODA

01/2017 – 03/2019

Old Dominion Freight Line, Inc. is a leading, less-than-truckload ("LTL"), union-free company providing premium service to all its customers. OD offers regional, inter-regional and national LTL service. In addition to its core LTL services, the company offers its customers a broad range of logistics services including ground and air expedited transportation, supply chain consulting, transportation management, truckload brokerage, container delivery and warehousing.

AWS projects:

- Migrate Oracle Data Warehouse to Amazon Redshift using AWS SCT and DMS.
- Deployed a 3-Tier web application using Ansible and Terraform while ensuring the application/database tier is highly available and fault tolerant.
- Assist with setup and managing Linux servers on Amazon using EC2, EBS, ELB, Security Groups and IAM
- Implemented Oracle Database backups in AWS S3 using OSB with RMAN and testing backups and recovery over the network.
- Managed architectural design and configuration across integrated cloud (AWS) technology environments.
- Deploying Databases in Private Subnets and configure Bastion Hosts and NAT-Gateways for access. Administer multiple AWS accounts for both production and non-prod.
- Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Configured several life-cycle policies for managing data in S3.
- Experience implementing Security using NACL, Security groups, Private-subnets, Encryption in transit and Encryption at rest.
- Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
- Configured NACL and security groups, limiting malicious attacks from blacklisted range IP addresses.
- Collaborated with application developers, Project Managers and QA analysts to ensure proper testing, configuration and deployment.

Oracle projects:

- Configured and managed Setup, Deploy, and Patching of Oracle Database Appliance X4-2/X5-2 for bare-metal and virtualized Platforms.
- Migrate Virtual Machines from VMware to Oracle Database Appliance X4-2/X5-2.
- Replicate mission critical databases from Primary ODA to standby ODA X5-2 using Oracles recommended procedures.
- Installed and configured EM 13C on ODA X5-2 following Oracle's best practices.
- Installation and Administration of DBmaestro Teamwork to DBmaestro DevOps platform.
- OEM Agent Install and Configuration of Repository Database for Grid Monitoring on RAC and non RAC instances. OEM Metrics and Policies customized to monitor specific to database.
- Setup metrics and thresholds for Oracle Databases, Middleware, and Engineered systems and hosts/targets.
- Oracle Exadata, Super-Cluster, and ODA yearly patching.
- Monitor and report lags for Oracle Goldengate Extract and Replicat processes on Oracle SuperCluster T5-8.
- Troubleshooting, administration, Performance tuning, Data Guard operations, Oracle Enterprise Manager Issues, Oracle Database Appliance and support of Oracle Database issues in RAC and Non RAC environment running in different platforms.
- Implement Oracle Advanced Compression for Oracle Databases supporting SAP.
- Managed standby databases (11g/12c) using Oracle Data Guard to ensure high availability, data protection, max performance and disaster recovery.
- Capacity planning and space management at Database level and adding Disk Space at ASM with rebalance. Management of Oracle 11g/12c database using RAC, CRS, ASM services.

McNichols, Tampa, FL

Oracle & MS SQL Database Administrator

10/2014 – 01/2017

McNichols Company is North America's leading supplier and fabricator of metal, expanded, wire mesh, architectural metals and a variety of gratings products. Founded in 1952 by the late Robert L. McNichols, the company was established on his Christian values, high ethical standards and strong commitment to customer satisfaction. With metals service centers strategically placed from coast-to-coast, McNichols has a dedicated staff and communication network in place that can supply worldwide service.

Key projects:

- Maintain and Administer Oracle 10g (10.2.0.3) Database and Grid Control prior to 11g upgrade.
- Managed and monitored standby databases (10.2.0.3) using Oracle Data Guard to ensure high availability, data protection, max performance and disaster recovery.
- Install and configure Two node RAC 11gR2 (11.2.0.4) on Oracle Database Appliance (ODA) X4-2 for Oracle Enterprise Linux x86-64.
- Install, Configure, and Maintain Oracle Demantra 12.2 with Tomcat Apache server.
- Install and configured Oracle Data Guard (11.2.0.4) and Data Guard Broker.
- Maintenance and troubleshooting of Oracle Enterprise Manager Grid Control (OEM 11g/12c) for centralized monitoring and administration.
- Installation on Networker and Recovery catalogue for Database daily backups.
- Install oracle 12C on Test and development environment.
- Create users and grant privileges on Sql server database.
- Daily Health Check Up of the Database.
- Performed Database and SQL tuning by using various Tools like ADDM, ASH, AWR, EXPLAIN PLAN, optimizer hints, Toad for Oracle RAC and SQL tuning advisor.

SupportSpace, San Francisco, CA

Oracle Database Administrator

04/2011 – 09/2014

SupportSpace is a third party Tech support company that is dedicated to providing the ultimate service experience through the game-changing advancement of remote services and a virtual Expert Network. The Expert Network has people and small companies that work remotely from around the United States.

Key projects:

- Planned and implemented maximum availability and disaster recovery infrastructure using Oracle Active Data Guard plus Broker and Installation and Configuration of UNIX/Red Hat Linux, Windows 2003/ 08 for Oracle database and ASM
- Served as DBA and project lead in the completion of 80+ medium- to large-scale implementations, managing projects from business requirements analysis to solutions delivery and support.
- Innovated time-saving, robust employee data-intake system that automated database update functions, enabling new salary and process-exception information to be automatically populated.
- Developed and tested storage strategies and disaster-recovery plan for large manufacturing company's operational database, delivering solution that guaranteed recovery performance and high availability.
- Enhanced end users' understanding of database systems by conducting pre-implementation workshops, delivering group and individual training sessions and creating user-friendly training materials.
- Created UNIX shell scripts and scheduled backups using crontab and Oracle scheduler for RMAN database backups and recoveries.
- Work with Developers to design, develop, test and maintain Oracle PL/SQL packages, triggers, stored procedures and functions to support multiple clients.
- Running complex queries to retrieve data from multiple tables within Oracle and SQL Server databases, ensuring fast and secure access to business application.

VI3DATA, Atlanta, GA

Oracle Database Administrator

11/2009 - 03/2011

VI3DATA is a leading provider of cloud-based software and services that enable technology support for a connected world.

Key projects:

- Installing and configuring Oracle Enterprise Red Hat Linux operating system versions and Windows 2008 servers for Oracle Relational (RDB) installation and creation, installing Oracle grid infrastructure & Oracle database software to meet the current needs and upgraded as required to meet the expansion needs of the company.
- Building test strategies, backup & recovery models for Oracle. Refreshing test databases.
- Managing backup & Recovery for Oracle on Linux using RMAN
- Going through the day-to-day user requests and troubleshooting the database related problems.
- Linux shell scripting for monitoring oracle Database status, security & backups.

Intellitech, Atlanta, GA

Oracle Database Administrator

02/2008 - 10/2009

Intellitech is a global service provider that offers a full range of business process outsourcing for IT and accounting professionals within the legal industry. They offer complete coverage for any technology or support issues, and are able to create cost-effective methods in accounts receivables management.

Key projects:

- Maintain the Oracle 10g RAC environment and troubleshoot performance problems.
- Building test strategies, backup & recovery models for Oracle. Refreshing test databases.
- Managing backup & Recovery for Oracle on Linux using RMAN
- Monitored Tablespace size, resizing Tablespace, relocating data files for better disk I/O.
- Assisted with impact analysis of all changes made to the database objects and troubleshoot problems regarding the databases, applications and development tools.
- Used OEM Grid Control Diagnostic and tuning packs to tune the application and SQL queries

EDUCATION

Atlanta Metropolitan College, Atlanta, GA

A.S. Major Computer Science