Aws/devops/kubernetes Architect Resume

★★★★★ **5.00**/5 (Submit Your Rating)

SUMMARY

○ Self - Motivated Architect / DevOps /Lead/Admin / AWS Professional Certified Architect with 13+ years of experience in system design, development, analysis and implementation using Oracle and AWS, Kubernetes, docker, Ansible for enterprise applications.

○ Setting up a hybrid cloud environment for maintaining on-prem and cloud hosted servers from central location.

○ Developed CI/CD systems for database and application from on-Premises to Cloud using Docker.

○ Cloud Infrastructure deployment from custom dashboard application and Chatbots. Enterprise-level experience - Working with large teams and involved in the architecture of highly scalable, secure, distributed applications, aligned with company standards, process, methodologies, and best practices

○ Developed automation adapters/API's for the CI and CD tools like Jenkins, deploy and Octopus

○ Extensively used AWS API's to automate PaaS, IaaS Configuration update

○ Hands on experience with the AWS CLI and SDKs/API tools like AWS API for Puppet.

○ Implemented Template based Transient environment provisioning, API and Power Shell based Configuration update of Immutable Infrastructure Dynamic and Static

○ Excellent knowledge of Amazon EC2, Amazon S3, Amazon Elastic Load Balancing and other services of the AWS family

○ Dockerization of Distributed load testing environment using AWS Container Servicev(AWS K), Kubernetes

○ Implemented Kubernetes, AWS,docker, Jenkins based deployment pipeline

○ Achieved up to 80% Operation automation and minimized manual intervention across SDLC

○ Strong hands on in Implementing Continuous Testing, Stubbing, Mocking/Test Environment Virtualization

○ Modularization of PaaS, IaaS Provisioning modules to achieve reusability, which resulted in Architecture and Topology changes on the fly Welcome to Hire IT People, Inc. Are you an Employer or a Job Seeker?

○ Strong in establishing DevOps strategy and Governance across the developer community

○ Proficient in Implementing and customizing Log Monitoring tools like OMS, AppInsight

○ Extensive experience in managing SCM tools with High Availability RTC, BItBucket, Clearcase, SVN

- ○ Having frequent Interaction with the Microsoft, Atlassian, IBM Engineering team to debate and discuss on the Implementation Challenges and resolving the issues
- ○ Self-starter with lot of initiative and capability to present new ideas, technical concepts and influence the stakeholders.
- ○ AWS, Kubernetes, Docker, AWS and Containerization, Virtualization
- ○ Infrastructure as a Code Design and implementation
- ○ Deployment Management and Infrastructure Management
- ○ Environment Management (Transient, Immutable)
- ○ S3's is a cost effective data storage service in comparison to any RDBMS database or Data Warehouses (which are costly owing to the definitive schema structure defined by vendor).
- ○ Have utilized S3 & have created a framework to roll off any downstream deliverable report files, application logs, job specific input files etc into S3 & have integrated the same with Talend job executables
- ○ Have considered & used EC2 as a heart of the rewrite application for
- ○ Connecting to various AWS services such as RDS, EC2, S3, upstream servers etc .
- ○ Executing the packaged Talend executables in an automated or on-demand fashion.
- ○ Tracking real time status of the talent executables.
- ○ Database migration using DataPump and RDS
- ○ During my AWS cloud rewrite venture - I have had necessities to connect to legacy Monitor Plus Sybase on-premise database to fetch various reference information
- ○ DMS paved the way to replicate from the source-Sybase database into target-Postgres RDS using a replication instance
- ○ I have in-depth knowledge on the various aspects of DMS such as -

TECHNICAL SKILLS

Cloud/IaaC Automation Tool: AWS, Kubernetes, Ansible, Docker, few frameworks of AWS

RDBMS: Oracle,MongodDB,MS SQL,DB2

Programming languages: SQL Developer,PLs/SQL

Operating Systems: Windows/2003, Red Hat Enterprise Linux Advanced Server (RHEL AS 4) and (RHEL AS 5) Solaris, AIX, HP UX

Replication Tool: Scripting:

Golden Gate: Perl, Shell Scripting, Python

PROFESSIONAL EXPERIENCE

AWS/DevOps/Kubernetes Architect

Confidential, Texas, Irving

Languages/Platform: Jenkins 2.0, AWS,CITI Cloud, Kubernetes, Docker

Responsibilities:

- ○ Implementation of Pipeline as a Code using Jenkins (Groovy) on Oracle Cloud platform

- By using Kubernetes, we have deployed containers of Docker inside a cluster.
- Design and Implementation of Kubernetes infrastructure to onboard various Microservices with HA in Azure
- Hardening of Kubernetes PODS, Nodes, Containers (Security),EnsuringTiller Security
- Automated Provisioning of AWS and subcomponents like Storage, NSG, Access policies, Network using Terraform, PowerShell
- Creating S3 buckets and also managing policies for S3 buckets
- Design roles and groups for users and resources using AWS Identity Access Management (IAM).
- Design and Implementation of End to End FaaS, AWS solution for .Net, ML applications
- Governing Kubernetes deployments using ADO, Octopus Deploy
- Build and Deployment of ML (R Language) containers
- Integrating monitoring solutions like Grafana, Dynatrace with the DevOps tools, AWS.
- Implemented a Continuous Delivery pipeline with, Dockers Jenkins and GitHub and AWS AMI's, whenever a new GitHub branch gets started, Jenkins, our Continuous Integration server, automatically attempts to build a new Docker container from it.

Database Administrator

Confidential

Environment: Red Hat Enterprise Linux Advanced Server 5, 4(RHEL AS5), IBM AIX, Solaris.

Responsibilities:

- workined on AWS and its services like AWS IAM, EC2, ECS, EBS, RDS, S3, Lambda, ELB, Auto Scaling, Route 53, Cloud Front, Cloud Watch, Cloud Trail, SQS,SNSAutomated Provisioning of AWS and subcomponents like Storage, NSG, Access policies, Network using Terraform, PowerShell
- Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
- Creating S3 buckets and also managing policies for S3 buckets
- Design roles and groups for users and resources using AWS Identity Access Management (IAM).
- Design and Implementation of End to End FaaS, AWS solution for .Net, ML applications
- Governing Kubernetes deployments using ADO, Octopus Deploy
- Build and Deployment of ML (R Language) containers
- Integrating monitoring solutions like Grafana, Dynatrace with the DevOps tools, AWS.

Confidential

Database Administrator

Environment: Red Hat Enterprise Linux Advanced Server 5, 4(RHEL AS5), IBM AIX, Solaris.

Responsibilities:

- Support Prod and Dev, Test.
- Oracle Database designing, creation and configuration.
- Understand the business and requirements based on discussions with Client.

- Based on documentation and discussions, designing the Database.
- Developing Database Backup/Recovery Architecture for production Database ^
- Creation of associated database objects including tables, indexes, views, etc.
- Develop/write PL-SQL procedure, function, Triggers, Package.
- Creating & adding data files to table spaces.
- Creating Users and Granting Privileges.
- Up gradation 9i, 10g to 11g R2.
- Patching.
- Golden Gate Setup 10g, 11g Uni-direction and Bi-directional.
- Refresh the database using Expdp/Impdp.
- Troubleshooting Golden Gate issues.
- Troubleshot golden gate.
- Managing all Daily Database Maintenance Issues.
- Responsible for total back-end configuration for these projects.
- Oracle Software Installation/Oracle upgrades on client side.
- RMAN backup configuration.
- Rman DB Cloning the database.

Confidential

Database Administrator

Environment: Red Hat Enterprise Linux Advanced Server 5, 4(RHEL AS5), IBM AIX, Solaris.

Responsibilities:

- RAC Installation and Configuration.
- Data gaud setup.
- Worked as an Oracle Core and Apps -DBA.
- Oracle Database designing, creation and configuration.
- Understand the business and requirements based on discussions with Client.
- Based on documentation and discussions, designing the Database.
- Developing Database Backup/Recovery Architecture for production Database
- Creation of associated database objects including tables, indexes, views, etc.
- Creating & adding data files to table spaces.
- Creating Users and Granting Privileges.
- Worked in Exadata(X3,X4 Machines).
- Managing all Daily Database Maintenance Issues.
- Responsible for total back-end configuration for these projects.
- Oracle Software Installation/Oracle upgrades on client side.
- RMAN backup configuration.
- Cloning the database.
- Worked as an Sql Server- DBA
- Resolving connectivity problems with Oracle database.

○ Tuning Sql Statements.

○ Setting up TNS connectivity between client workstation & Oracle Server. ⌃

○ Monitored and troubleshoot for Coke Applications.

○ Member of interview panel.