aws ✅ **CERTIFIED**

📖 Solutions Architect - Associate

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Visionary and innovative technologist seeking challenging position in the high-tech industry to make the most of my technical background, customer focus, creativity, passion, industry experience, and leadership skills

EXPERIENCE / ACCOMPLISHMENTS

⇒ Over 14+ years of IT experience in various roles in Architecture, Design and Deliveries, Telecom Application Support Lead , Project Management and Strategy with expertise in Enterprise Architecture, Application transformation to cloud, Amazon Cloud, TIBCO, Oracle and including 6 years' experience with Onsite in UK and USA.

⇒ Worked as Lead Architect to as Design and implement AWS VPC (public & private), EC2 instances, Security Groups, Route53, Routes, ELB (Load Balancer).

⇒ Developing Terraform scripts to launch the AWS Foundation involving the creation of Jenkins Master and slave configuration also launching the Amazon Elastic Container Service for Kubernetes (EKS) cluster thereby delivering the infrastructure-as-a-code.

⇒ Creating end-to-end Jenkins Pipelines for both Front-end (Angular) and Back-end (Springboot) microservices for compiling, testing, creating the docker images and deploying the container onto the Kubernetes Cluster (EKS) using both Jenkins shared libraries and Jenkinsfile as well.

⇒ Develop the YAML configuration manifest files in Kubernetes to deploy/create the containers to run the applications on the Kubernetes Cluster with two different deployments like Rolling Updates and Blue-Green Deployments.

⇒ Configuring and Administrating the SonarQube, static code quality analysis tool to integrated within the Jenkins pipeline to perform the quality analysis and show the results on the SonarQube server.

⇒ working as Solution Architect and Dev Ops Lead to handle Cloud Technology extensively with AWS services like EC2, S3, VPC, ELB, Auto Scaling Groups, Route 53, IAM, Cloud Watch, Cloud Formation, and DynamoDB.

⇒ As a Solutions Architect responsible to make large prospects and customers successful on the

⇒ AWS platform. This is largely a customer facing role with a strong technical angle, including both hands-on higher-level architecture and thought leadership components.

⇒ Gained good experience by working with configuration management tool Ansible and CI/CD tool Jenkins and Set up and built AWS infrastructure with various services available by writing cloud formation templates in json.

⇒ Worked in to terraform scripts to configure and automate the environments like Dev, STAT and PROD.

⇒ Worked as Lead Architect to as Design and implement AWS VPC (public & private), EC2 instances, Security Groups, Route53, Routes, ELB (Load Balancer).

⇒ Experience is using Git Hub for Source code repository ,Deploy and Build the application on EC2 instances using Jenkins, Automation and scheduled deployments using Jenkins

⇒ Experience in to Manage to Linux administration for

⇒ Experience in management level to follow ITSM standards like Change Management, Incident Management, Problem Management..etc to implement the process in Project Level.

⇒ Hands-on setting up TIBCO Infrastructure setup including upgrades, maintenance and support.

⇒ Good understanding of Tibco Administrator for User Management, Resource Management and Application Management.

⇒ Configure the Elastic Load Balancer's (ELB), auto scaling groups and the Application Load Balancer (ALB Ingress Controller) for the back-end micro-service.

⇒ Experienced in working with AWS EKS and configuring the stateful set and creating the persistent volumes for EFK and ELK stacks (Elastic Search, Fluentd/Logstash and Kibana).

⇒ Worked with TIBCO Business Works components.

⇒ Involved in Business rebranding program between O2 Ireland and Three UK and got appreciation from Client Three Mobile for implement and Support in implementing Cloud from Legacy systems to Enterprise.

⇒ Working Experience in Perl and Shell Scripting and implemented in production Successfully as part of Automation

CERTIFICATIONS:

➢ AWS Cloud Certified Solutions Architect Associate

TECHNICAL SKILLS:

Middleware / EAI	TIBCO Business Works, TIBCO Administrator, TIBCO RV,TIBCO HAWK,

Cloud Technologies
 	
✓ Amazon Web Service (AWS)
	❖ Enable VPC Networking Capabilities
	    o Subnets, NAT Gateways, Access, DNS, CDN
	    o Load Balancer
	    o Apply appropriate Security measures
	    o Elasic Map Reduce,Rote53
	    o Auto Scaling
	    o Cloud Formation
	    o Cloud Beanstalk
	❖ Produce optimized Storage & Database Services
	    o RDS
	    o Dynamo DB
	    o Elastic Cache
	❖ Establish Continuous Integration and Delivery

DevOps Tools	GitHub, Jenkins, Chef, Container Docker
Languages	Core Java, Java Script, Application DBA ,PL/SQL, HTML
IDE/EAI tools	TIBCO Administrator, TIBCO Hawk display, Oracle Developer, TOAD, Win SCP, Putty
BPM	RVD and RVRD and Adaptors
Operating Systems	Solaris 10, Windows 95/98/NT/2000/XP, UNIX, and Linux
Databases	Oracle 11, SQL Server 7.0
Tools	SQL Navigator, TOAD
Scripting Languages	Perl and Shell Scripting

PROFESSIONAL EXPERIENCE:

Client: **Apple**
August 16th 2020 to Till Date
Role: Infrastructure Engineer (IE)

Apple Inc. designs, manufactures and markets mobile communication and media devices, personal computers and portable digital music players. iPhone is designed to support AT&T, Sprint, T-Mobile, and Verizon. Customer can choose carrier financing from AT&T or Verizon, your iPhone will be tied to carrier services.

Responsibilities:

- Provided extreme support in deployment activities and Production , Non Production support.
- Deployments in various PODS in Apple Network and enable and disable traffic management using Shield and Netscaler.
- Production and Non Production update Patch and vulerbilities activities to resolve multiple hosts.
- Provided multiple solutions in trouble shooting in carrier services using devops tools .
- Provide architecture and technical solutions for business and infrastructure requirements.
- Provide to Perform PoCs (Proof of concept) for functional and non-functional requirements for Cloud Solutions using Amazon Services.
- Provide design, build/implement and manage IT environments for business needs using these platforms
- Plan, drive and implement infrastructure solutions based on both customer requirements .

Telecom Domain: **Harris Corporation**
Dec'2018 to August 18th
Role: DevOps Lead

Harris Corporation wants to develop a Local Control capability application for enterprise/ agency administration, provisioning and device management. This application consists of a unified portal which can be used by agency and/or enterprise administrators for configuration of the end users and their respective services

Responsibilities:

- Provide architecture and technical solutions for business and infrastructure requirements.
- Provide to Perform PoCs (Proof of concept) for functional and non-functional requirements for Cloud Solutions using Amazon Services.
- Provide design, build/implement and manage IT environments for business needs using these platforms
- Implement configuration management, build and deployment automation using DevOps tools such as Jenkins, Chef and Docker.
- Plan, drive and implement infrastructure solutions based on both customer requirements as well as proactive measures such as DDoS mitigation etc.
- Plan and perform upgrades, migrations such as Chef Upgrade, domain migration, MongoDB upgrade, middleware platform upgrade etc.

Telecom Domain: **Three Mobile UK & ROI (H3G) -Telecom**

Jun'2016 to till date
Role: Technical Architect and DevOps Lead

Hutchison3G is one of the Major Telecom Service provider in United Kingdom. 3 in UK is the fastest growing network which covers more than 97% of the UK population. 3 is a brand name under which several UMTS-based mobile phone networks and Broadband Internet Providers are operated in Australia, Austria, Denmark, Hong Kong, Macau, Indonesia, Ireland, Italy, Sweden, and the United Kingdom.

Responsibilities

- Developed and implemented software release management strategies for various applications as Three UK Telecom process.
- Develop/capture/document architectural best practices for building systems on AWS
- Designed multiple Tepmplates flows related to Application API for Migration from Leagncy to Cloud technogies.
- Involved in Cloud Migration from legacy systems to Enterprise System using Cloud Technologies for Three Mobile Enironment.
- Implemented Organization DevOps strategy in various operating environments of Linux and windows servers along with cloud strategies of Amazon Web Services.
- Deployment Automation using GitHub and Jenkins tools.
- Create and configure tailored VPC's with appropriate subnets. Gateways, VPN settings.
- Deploy and configure end to end application using Approved AMI's with AutoScaling configs, ELBs, appropriate security groups within the approved VPCs.
- Primary focus on Security and protection for all services and information, by leveraging various AWS native and 3rd party tools like Cloud Trail, Cloud Watch
- Deployment Automation using GitHub and Jenkins tools.

Telecom Domain: **Three Mobile UK & ROI (H3G) -Telecom**
Dec'2012 to May 2016
Role: Solution Lead (Technical Lead)

- Leading and Managing the EAI and MCE Front Office and Back Office Teams by 24/7 Service levels and supported Production Environment.
- Managing Service management escalation with Client about incidents priorities P1/P2/P3/P4
- Delivered and supported various Business Works ,RVRD,RVD ,Adapters deployments on Production environment
- Installing various Tibco products and provisioning under telecom domain.
- Integrating new environment with Old environment to use the existing services.
- Troubleshoots and identifies the bottlenecks in performance and error sources and helped the developers to fix them.
- Troubleshooting Apply fixes as needed.
- Involved in EAI& MCE environment awareness sessions to make developers understand the new environment and create the scripts development or other services accordingly.
- Responsible for the release, and maintenance of TIBCO EMS queues, Business Works Orchestrations, FOM, BW6, TEA and Enterprise Application Integration workflows.
- Identifies, analyzes and resolves highly complex problems within supported environments.
- Identifies CM issues in assigned projects during the lifecycle of the project. Plans and executes the resolution of those issues.
- Ensure that products used for the delivery of solutions are supported by the Global Engineering entity.
- Working with global teams on global standards and configuration to build "Best In Class" standards.
- Provide input, review build details and ensure compliance with Tibco EAI/ESB standards.

- Handle L1/L2 escalated break fix and change requests.
- The role may include some overseas travel.
- Perform proper prioritization and evaluation of business requirements prioritizing according to the order of Franchise Critical, Gold, Silver, and Bronze applications.

Telecom Domain: **AT&T (St Louis, USA –Telecom)**

July'2011 to Novt'2012
Role: Application Oracle DBA
Project: Control Center Dash Board & EPADD

Control Center Dash Board and EPADD will receive the data from various applications and loading data into CCDB Database servers by using utilities like export and import, SQL loaders and DB links on daily basis and maintaining & supporting oracle jobs and Designing the database objects as required.

Responsibilities

- Architecture Solution and Review
- Providing data, application and technology consulting in pre-feasibility and feasibility discussions with IT team members and business partners
- Preparing project deliverables and documentation as needed to support Architecture-related processes
- Created Packages, Stored Procedures, Triggers, Views and other DB objects as required.
- Making required schema changes, adding Triggers, stored procedures etc.
- Maintain database to optimized Complex SQL query performances
- Monitoring the Performance of the Databases and implementing required Changes.
- Refreshing the Databases as per the requirements using export and import and SQL loader.
- Monitoring the Performance of the Databases and implementing required Changes.

Telecom Domain: **AT&T (St Louis, USA –Telecom)**

June'2008 to July'2011
Role: Application Oracle DBA
Project: Enterprise Data Architecture System -EDAS

Oracle ADBA supports the EDAS Oracle database instances referenced by various applications belonging to AT&T Billing Applications.

Responsibilities

- Architecture Solution and Review
- Involved in performance activities includes improving SLA's of the business process, monitoring nodes and Business work process.
- Monitoring application performance and analyzing statistics to identify and resolve system problems
- Providing data, application and technology consulting in pre-feasibility and feasibility discussions with IT team members and business partners
- Preparing project deliverables and documentation as needed to support Architecture-related processes
- Refreshing the Databases as per the requirements.
- Monitoring the Performance of the Databases and implementing required Changes.
- Migration of Oracle databases from one environment to another environments by using expdp / impdp and other utilities

- Migrated SQL and PLSQL code between multiple environments
- Generation of AWR/ ADDM and trace Reports
- Creation of users and assigning roles & permissions to the users.
- Troubleshooting the Database Issues and Connectivity Issues.
- Creation of databases and configuration of listener and tns
- Database Migration from one server to other servers.
- Apply CPU Patches and Up gradation to base version to top level version
- Making required schema changes, adding Triggers, stored procedures etc.
- Monitor disk space to ensure Servers won't run out of disk space.
- Periodically monitor server's performance using email Notification from Shell scripts.
- Scheduling Backups based on the client specification.
- Proactive Monitoring of database critical parameters for Database Servers
- Creating Database Maintenance plans like Upgrading Checklists..etc.
- Maintaining the Proper Documentation and Reports for supporting Project.
- Performing Integrity Checks for all the databases.
- Performance monitoring of databases and helping developers for application Support.

Feb' 2006 to May'2008
Role: Software Developer
Project: Customer Network Management

AT&T's Customer Network Management (CNM) is an optional service that allows end users to manage and view the overall health of their AT&T data network services. CNM provides essential Performance, Fault, Configuration and Security management data to help them make effective network continuity and contingency plans.

Responsibilities

- Created Advanced Queue Tables, Enqueue and Dequeue tables Stored Procedures, Triggers, Views etc
- Refreshing the Databases as per the requirements from production to Dev.
- Monitoring the Performance of the Databases.
- Generation of DBMS STATS and trace Reports
- Creation of users and assigning roles & permissions to the users.
- Troubleshooting the Database Issues and Connectivity Issues.
- Involved in Shell script Coding and validation.
- Creation of databases and configuration of listener and tns
- Database Migration from one server to other servers.
- Making required schema changes, adding DB Objects as per requirements etc.
- Performing Integrity Checks for all the databases.
- Prepared Required Project and management related Documents for CMM Level.

Client: AT&T (St Louis, USA) - Telecom   **July' 2006 to Nov'2006**
Role: Software Developer
Project: Mechanized Business Ordering System

The MBOS is a database and communications system developed to automate the Customer Service Requests (CSRs) referred to Network Sales Support. MBOS provides a central place for customer request (known as MBOS logs) to be stored, routed to and accessed by other workgroups. MBOS sends customer information to other workgroups responsible for completing parts of the order. Only those departments needing the customer information receive it.

Responsibilities

- Unit testing, System testing, Performance Testing, UAT testing in various environments.
- Deployment and administration of the deployed services using different Tools
- UAT support and Production support to Business users and bug fixes right away if required.
- Participated in requirement analysis in co-ordination with Business Analyst and End Users.
- Providing Integration/Production support for the existing/new interfaces in the Integration Test/Production Environment.
- Mentor other developers and QA Team Members.
- Created Advanced Queue Tables, Enqueue and Dequeue tables Stored Procedures, Triggers, Views and other DB objects as required.
- Analyzing the user requirement through the various work requests and Involved in Detailed Design and high level design and code deployment on production servers and
- Code reviewed Unit Test Plans, System Test Plans and user acceptance test and release implementation.
- Worked on VB 6.0, COM+, ASP, HTML, Crystal Reports and Oracle 9i.
- Executed system test cases for various types of requests using Quality Center.