USMAN

Experienced Technology Consultant | Cloud & Infrastructure Engineer | Data & AI Specialist

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EXPERIENCE

Developer Label System Global Technology
Sony Music Entertainment   Aug,2023 – Nov,2023 📍 Sydney, Australia

System Operations| Application/Data Support |Cloud Migration
Supporting and administering daily operations, ad hoc requests for Label System, Application, Database, Cloud Migration, Automation, Data Integration, Reporting

- Application/DB User creation and assigning roles.
- Cloud Migration UAT preparation/planning, coordination.
- Follow up cloud migration, DB restore. Start/stop services, Database, post migration verifying availability of services.
- Troubleshooting, applying solution for issues like Application Slow Response, Email Update for purchase orders to be received automatically, EROS reconciliation, Budget allocation Upload, flagging bulk catalogs deleted.
- Documenting Business flows like ARIA Uptake, ARIA Survey, End to End Flow GRPS to VIBE to CDS and CDS to VIBE, EROS, ARIA. ARIA Reporting
- Identifying Directory Structure, software, hardware configuration, Cron Jobs, schedules, interfaces, necessary files, Database Tables, NFS shares for label system for successful cloud migration.

UNIX Systems and Database Consultant
Fairfield City Council   Aug,2023 – Nov,2023 📍 Sydney, Australia

- Systems Administration (HR/Payroll, Enterprise Learning management, PeopleSoft, Information Management and Library Management Systems, UNIX (Solaris) /LINUX (RHEL/Centos) and DB (Oracle, MSSQL)
- Shell Scripts and scheduling Cron jobs.
- Monitoring Data Center Servers (Sun Sparc T7-2), Datastores (CCTV, Backup Server, Shared Drives, Documents) and implementing data replication between production and DR site
- Backup and Recovery for Filesystem using IBM Spectrum Protect and Physical/Logical incremental Backups (Daily, Weekly, Monthly)

Data Centre Engineer (ITC Managed Services)
People's Choice Bank   Mar, 2021 – Sep, 2021 📍 Adelaide, Australia

Transformation Project (On-Prem to Cloud)
- Monitoring/Troubleshooting physical/Hardware (HP) and virtual server (ESXi Hosts)
- Hardware Power Supply, Fan, SFPs and HDD replacements
- Monthly Patching for Windows 2012/2016 Servers Cloud and On-Prem using SCCM and WSUS.
- Managing Tape backups and rotation using HP Data Protect and MSL 4048 as per Schedule/Policy
- Commissioning & De-commissioning of Data Centre Equipment
- Coordinating with 3rd party vendors and stake holders
- VM Creation in Azure/VMware as per the requirements

SUMMARY

Results-driven technology professional with expertise in cloud computing, infrastructure engineering, and data-driven decision-making. and An all-rounder with a diversified skill set including Cloud Migrations, DR planning & implementation, technical support, Data Centre Operations and System/Networks/Application/Database Administration. Having a proven record of timely deliverance and making assigned IT projects a success especially in financial, government, telecommunication and entertainment industries. Passionate about configuring IT Software / Hardware solutions, ML/AI, Networks, Data, Cloud Computing, Security, HA/DR, administering systems, providing support and becoming a productive team member to add value to the company's business objectives.

ACHIEVEMENTS AND CONTRIBUTION

Sony Music Entertainment
- Successfully migrated the Sony Music's legacy label system from on-prem to cloud by planning, coordinating with Vendors/Stake-holders, providing hands-on support and monitoring for successful migration.
- Documenting various workflows relating to Label System, how to perform ad-hoc/routine tasks and troubleshoot them, as per the best practices.

Fairfield City Council
- Implemented replication between Council's primary and alternate data center for a critical Payroll Application's database.
- Documenting Council's IT workflows, ad-hoc/routine operational tasks and guidance on troubleshooting them.

People's Choice Bank
- Successfully brought a new MSP Cloud Migration project to BAU Phase; while working as a Data Center Engineer took additional roles by understanding, performing activities and knowledge transferring among various towers; worked alongside Service Delivery Manager to bring transformation project to the BAU phase.
- Planned and coordinated with vendors/stake holders for annual DC shutdown activity.

- Maintaining Standard operating procedures
- Escorting 3rd party vendors into DC following the approvals
- Escalate to core infra team if any alerts are found during DC routine checks
- Provide Support to Core Infrastructure team to diagnose/resolve Incidents or fulfill service requests for Data Center Servers & Network
- Maintaining & updating the DC Inventory
- Following Maintenance Schedules and Change procedures

Associate Manager
Allied Bank Limited   Oct, 2013 – Oct, 2020

Datacenter Operations | Disaster Recovery Planning & Implementation | Database Administration

Datacenter Operations
- Maintain, Monitor and Troubleshoot physical and virtual server, infrastructure and Networks
- Monitoring of Datacenter Facility Infrastructure (HVAC, Power, Fire Detection Suppression, Access Control)
- Providing technical solutions in compliance with department policies
- Co-ordinate external support agreements and liaison with vendors
- Escalate issues to the responsible personnel and departments as needed
- Coordinate for the new system deployments in Data Center
- Documenting the DC Capacity Management/ Maintenance Procedures

Disaster Recovery Planning & Implementation
- Devising Strategies and conducting disaster recovery trainings/exercises to meet regulatory requirements
- Updating and maintaining disaster recovery documentation
- IT Systems Analysis for Identification of Business-Critical Applications, developing templates, presentations and reporting on systems dependencies and processes to senior management
- Preparing minutes of meeting, conducting structured walkthrough, making project plans
- Coordinating with all the stakeholders to perform gap analysis of documented plans and testing in comparison to actual recovery scenarios and revise plans accordingly
- Support the BCP/DRP aspect of various audits, assessments, etc. to ensure that all outstanding findings and gaps are resolved

Database Administration
- Administration, Maintenance and Monitoring of the Oracle Maximum Availability Architecture for TEMENOS T24 banking application with EXADATA including Production, Standby and other Enterprise Application Databases
- Implementing Oracle RAC, Data Guard, Golden Gate and Enterprise Manager Cloud Control for production and test environments
- Database upgrades, migrations and maintenance activities in coordination with the Network Administrators, Application and System Administrators
- Coordinating with vendors and oracle support for troubleshooting
- RMAN backup and recovery
- Database restores, PITR and restore point creation.

TRAININGS / CERTIFICATIONS

AWS Certified AI Practitioner
Amazon Web Services, 2025

AWS Certified Solutions Architect
Amazon Web Services, 2024

Cyber Threat Intelligence Analysis
Udemy, 2024

Windows Server and Linux System Administration
Udemy, 2023

Cloud Infrastructure Certified Architect
Oracle University, 2020

ITIL Foundation
Allied Bank Limited, 2019

Data Analysis and Dashboard Reporting in Excel
The Institute of Bankers, 2018

PCI DSS Project
Allied Bank Limited, 2017

Oracle Database 11g Certified
Oracle University, 2015

Professional & Personal Excellence
Allied Bank Limited, 2014

CCNP Routing/Switching
Corvit Systems, 2011

Network Operations
TELENOR, 2010

INTERESTS

- AI/ML use cases and applications
- Enterprise and Solutions Architecture
- ERP Implementation
- Cloud Engineering (ML/AI, Data, Infrastructure)
- Automation and DevOps best practices
- Data Center Facilities, Infrastructure and Network
- Cyber Threat Intelligence Analysis
- Cyber and Information security

SKILLS

Technical Skills:
- Cloud Computing: AWS, OCI, Azure, IBM Cloud Administration
- System Administration: UNIX/Linux, Windows Server
- Automation & Scripting: Bash, Python, PowerShell, Terraform, Ansible
- Security & Compliance: Vulnerability

Technical Analyst

Techaccess Pvt. Ltd   Sep, 2010 – Oct, 2013

- Support for Oracle Products
- Oracle Database Server 10g/11g, Grid Infrastructure, RAC, ASM, and Data guard installation, patching, upgrading
- Cross Platform Database Migrations
- Oracle Enterprise Manager 10g/11g/12c deployment, configuration and administration
- User and Database Security Management
- Physical and Logical Backups using RMAN and DATAPUMP
- Database restore and disaster recovery
- Troubleshooting Performance Issues and database tuning

Projects
- Oracle MAA Migration from IBM AIX to EXADATA
- Oracle Enterprise Manager Cloud Control12C Deployment
- EXADATA Discovery on Oracle Enterprise Manager 12C
- Cross Platform Database Migration from AIX to LINUX
- Maximum Availability Architecture Upgrade for Core Banking Database
- Automatic Storage Management and DB Upgrade for Core Banking Database
- Implementation of 11gR2 Cluster, RAC, ASM and DATAGUARD Configuration between primary and alternate site

EDUCATION

Data Science and Machine Learning: Making Data-Driven Decisions
MIT Schwarzman College of Computing, 2024

Master of Science Business and Information Technology
Beaconhouse National University, 2016

- **Information Security and Management**
- **Statistical Analysis**
- **ERP Systems Implementation**
- **Business Process Modeling**
- **Business Research Methods**

Bachelor of Science in Electrical (Telecommunication) Engineering
COMSATS Institute of Information Technology, 2010

Management, Identity & access management, risk assessment, cloud security best practices AWS WA framework, IT Disaster Recovery Planning and Implementation
- Infrastructure Operations: Server administration, networking, data center operations
- DevOps & CI/CD: Kubernetes, Docker, Jenkins, Git, version control
- Data Engineering and Analytics: Data Cleaning, Exploratory Data Analysis, Python Pandas, NumPy, Matplotlib, Seaborn
- AI & Machine Learning: Data Preprocessing, AWS SageMaker, Bedrock, Python Scikit-learn, TensorFlow, predictive analytics, regression, classification, dimensionality reduction, LLM regression, data-driven decision-making
- Database Management: Oracle, SQL Server, MySQL
- Technical Support for Systems and Infrastructure
- Documentation

Soft Skills:
- Problem-solving & analytical thinking
- Planning & decision-making
- Technical leadership & mentorship
- Effective communication & collaboration