Genesis A. Mundu

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Adabas Linux Database Administrator | Data Security & Recovery Specialist | Cloud Migration Expert

Adabas Linux Database Administrator with a background in AWS Cloud Computing and extensive experience in Azure Database management. Coupled with a demonstrated commitment to excellence in enhancing database performance, security, and accessibility as showcased in leading a successful database migration project which slashed downtime by 50% and improved system performance by 30%. Handy with expert knowledge in optimizing data-driven solutions and implementing reliable backup and recovery protocols, towards smooth database operations for critical systems. Possess hands-on proficiency in database design, tuning, and troubleshooting, with a combined track record of aligning database solutions with organizational objectives. Committed to continuous learning, fostering data integrity, and supporting scalability in high-performance environments, ensuring robust systems that drive efficiency and meet evolving business needs.

AREAS OF EXPERTISE

Database Administration | Performance Tuning | Backup and Recovery | Disaster Recovery Planning | High Availability Clustering | Data Security | Query Optimization | Database Design | Indexing Strategies | Troubleshooting | Capacity Planning | Data Warehousing | SQL Query Writing | Stored Procedures | Database Upgrades | Patch Management | Problem-solving | Analytical Thinking | Data Migration | Automation Scripting | Cloud Infrastructure (AWS, Azure) | Resource Monitoring | SQL Server Integration Services (SSIS) | SQL Server Reporting Services (SSRS) | Cloud Security | Load Balancing | Multi-tenant Architecture | Auditing and Compliance | Encryption | API Integration | Cross-functional Collaboration | Project Coordination | System Testing | Database Documentation

PROFESSIONAL EXPERIENCE

MS SQL Server Database Administrator | National Data & Surveying Services, Inc., New York   April 2023 – Date

- Improve database resilience and minimize downtime risk through the implementation of disaster recovery solutions, including Log Shipping, Always On Availability Groups, and Failover Clustering
- Increase operational reliability by employing expertise in enhancing Adabas database performance through configuration, maintenance, and optimization of critical systems
- Facilitate improved data consistency through the development of robust database designs and data models to uphold accuracy and security of transactional data
- Monitor database performance using tools like Adabas Manager.
- Advance system functionality and integration by establishing database structures for web applications
- Bolstered data security and availability by Introducing backup, recovery, and replication protocols across over 5 environments
- Engaged with cross-functional teams to fine-tune database query performance and implement industry best practices for Adabas database management.
- Created comprehensive documentation for database configurations, ensuring consistent tracking and quick issue resolution
- Implemented an automated backup and recovery system for Adabas Databases, involving regular backup configurations, validating backup integrity, and setting up automated failover processes, leading to a 99.9% data recovery success rate and eliminating potential business downtime

MS SQL Server Database Administrator | Global Health Care Services, Boston   October 2019 – March 2023

- Boosted data protection by 60% leading to minimized unauthorized access risks through the configuration of user profiles and access levels for segmented databases
- Conducted routine checks on logical and physical replication for reporting and standby databases, resulting in guaranteed operational continuity
- Probed recovery readiness and data integrity by verifying backups through the performance of restoration tests, maintaining zero data loss incidents
- Documented database configurations, aligning with compliance standards while addressing audit requests
- Recommended actionable measures that mitigated identified vulnerabilities through regular database security assessments
- Analyzed SQL server log files, implementing optimizations that improved database performance and response times by 35%
- Achieved 45% against a 20% enhanced user experience and satisfaction by leading an initiative that streamlined user experience for internal and external database users
- Implemented Enterprise Resource Planning (ERP) systems are comprehensive business management solutions achieving 80% customer satisfaction.

Help Desk Support Specialist | N-Solutions, Buea, Cameroon   September 2015 – September 2019

- Strengthened system security by over 80% by addressing vulnerabilities and mitigating data risk through the application of critical patches and deployment of software updates
- Attended to a high volume of inquiries across multiple channels, delivering prompt solutions while maintaining excellence in customer satisfaction
- Resolved technical issues efficiently and effectively by guiding users through troubleshooting steps
- Configured and maintained network connections and computer systems that resulted in reliable access and minimal downtime
- Generated performance reports to monitor system health and identify trends for proactive management
- Conducted pre-deployment testing on software and hardware to verify compatibility and performance
- Resolved several high-priority technical issues diagnosing and troubleshooting hardware and software problems, significantly reducing downtime and improving overall productivity

VOLUNTEERING

N-Solutions| Buea, Cameroon

- Participated in community outreach programs, assisting with organizing and executing events aimed at educating the local community about digital literacy and internet safety
- Provided technical assistance and training to underprivileged groups, helping them gain valuable IT skills
- Acted as a mentor for youth programs, guiding young individuals interested in technology and helping them navigate their career paths

TECHNICAL SKILLS

SQL Server Management Studio (SSMS) | Azure Data Studio | Redgate SQL Backup | PowerShell | MySQL Workbench | AWS RDS | Microsoft Azure | GitHub | Oracle SQL Developer | MySQL | PostgreSQL | Linux OS

NOTABLE PROJECTS

- **Server Upgrade:** Upgraded SQL 2012 enterprise edition to SQL server 2022 enterprise edition, application Migration and SQL Server Consolidation using Redgate
- **Patch Management:** Managed Windows and SQL Server patches on Production/Non-Production Servers
- Configured database backups and restoration, monitored and tuned database

PROFESSIONAL DEVELOPMENT & EDUCATION

Azure Database Administration – Kiawitech Academy, TX | 2024

COMPTIA A – Network Technology Academy Institute (NTAI), MA | 2023

Microsoft Certified: Azure Administrator Associate | 2022

Microsoft Certified: Azure Database Administrator Associate | 2022

Postgraduate Degree in AWS Cloud Computing | 2022

Bachelor of Science in Geography and Cartography – Cameroon | 2015

OTHER DETAILS

Languages – English (Advance Proficiency)
Work Authorization – Permanent Resident