Genesis Abang Mundu

**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