

Paxton Chiling'oma Munthali

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PROFILE

Database Administrator

Detail-Oriented with over 4 years of experience in Database design, management, IT Support, Query writing and optimization. Skilled in SQL, database security and performance tuning. Demonstrates strong problem-solving abilities and passion for exploring complex data systems. Seeking to leverage technical proficiency and analytical skills in Database administrator role to drive efficient and secure data management solutions.

ACHIEVEMENTS

- Improved query runtime by over 20% through effective indexing techniques, optimizing critical applications like Enterprise Business Accounting and Payroll systems.
 - Implemented and maintained database replication strategies to synchronize data across multiple sites, minimizing discrepancies.
 - Designed and executed robust backup and maintenance plans, ensuring 100% data availability and rapid recovery in case of failures.
 - Successfully installed and managed SQL Server databases for mission-critical applications, streamlining business operations.
 - Trained over 10 clients and mentored 3 junior staff members in database management and software usage, enhancing team capacity.
 - Developed solutions like a Sign Language Recognition System, demonstrating creativity and a commitment to leveraging technology for social good.
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PROFESSIONAL EXPERIENCE

Software support and Implementation consultant | Globe Computer Systems Limited July 2021 – Present

- Lead MS SQL Server database installation and management to optimize software performance for mission-critical applications like Enterprise Business Accounting, Payroll and Point of Sale.
- Monitor database performance using tools like SQL Server activity Monitor and SQL Server profiler.
- Developed and implemented indexing strategies, improving query runtime by over 20%.
- Implement Backup and cleanup maintenance plans to ensure data is availability and recovery in case of system failures.
- Designed and executed database replication plans, ensuring data consistency across multiple sites.

- Deploy software and manage databases using SQL Server management Studio to optimize system performance.
- Spearhead IT support operations, resolving 95% of issues within 24 hours, improving client satisfaction.
- Trained clients and mentored trainees on database management and software systems.

Software Engineer | Self-Employed

September 2017 – Present

- Designed database and developed a PHP-based SACCO Management System using Laravel, MySQL integrating secure data storage and performance optimization.
- Created an Online Food Ordering System, with payment integration (Stripe API) using object-oriented PHP, JavaScript, HTML, CSS for responsive and user-friendly design.
- Applied Object-Oriented Programming (OOP) principles like encapsulation, Abstraction and polymorphism in other small PHP and Java Projects.
- Developed desktop applications such as a USB Transfer Monitoring App using C# and MySQL and MS Access.
- Developed a student attendance system and face detection using python.
- Used GitHub to collaborate with team and control app versions
- Implemented innovative solutions like Sign Language Recognition Systems using C#.

Technical Assistant | Globe Internet

November 2019 – June 2021

- Connected over 30 clients to internet services via Fiber, Wireless, and 4G technologies, improving access to essential services.
- Configured LAN and WAN networks, significantly boosting the quality of internet services provided.
- Supported diverse client bases, resolving technical issues and increasing customer satisfaction by 90%.

Networks Engineer | Telekom Networks Malawi Plc (TNM)

June 2017 – August 2017

- Installed and configured critical network infrastructure, including routers, switches, and base stations, ensuring 99% uptime.
- Collaborated with teams to troubleshoot issues, safeguarding 24/7 network availability for customers.

EDUCATION AND QUALIFICATIONS

Master of Computer Applications

2022 - 2024

Datta Meghe Institute of Higher Education and Research

- Distinction

Bachelor of Computer Engineering

2015 - 2019

University of Livingstonia

- Credit

Malawi School Certificate of Education

2009 – 2013

Luwinga Secondary School

- Aggregate points, 16

SKILLS

Database Management:	MySQL, Microsoft SQL Server, Microsoft Access, Oracle, database design, Database Backup and recovery, Database Replication, Data Security, indexing, query optimization, SQL Scripting, Triggers, Stored Procedures, Mongo DB
Programming Languages:	PHP, JavaScript, Python, C#, SQL, Java, HTML/CSS
Frameworks:	Laravel, CodeIgniter
Computer Networking:	Fiber Splicing, Ethernet Termination, Routers, Switches and Access Points, Firewalls, Servers.
Other:	Problem Solving, Team-Work, Leadership, Creativity, Time Management, Organization, Communication

LEADERSHIP EXPERIENCE

- I served as the secretary and equipment operator of the Student Christian Organization of Malawi (SCOM) at UNILIA.
- Project committee secretary and musical equipment operator of Livingstonia assemblies of God church.
- Served as a Prefect at Luwinga Secondary School.

HOBBIES

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|-----------------|---------------------------------------|
| • Playing Music | • Building simple systems |
| • Reading | • Hanging out with Family and Friends |

REFEREES

Mr. McDonald Muziwawo	Mr. Kaunda Gondwe	Mr. Danushka Thilan Karunarathna
Software Systems Implementor	Head of Engineering Department	Mzuzu Branch Technical Manager
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