GIDEON MUCHINA

00618| gideonmuchina381@gmail.com| PORTFOLIO

DATABASE ADMIN || IT SPECIALIST|| WEB DEVELOPER

TECHNICAL SKILLS

- Programming: Java, Python, C, PHP
- Databases: MySQL, Database Administration
- Web Development
- OS & Tools: Windows, Linux, GitHub
- Networking: Troubleshooting, TCP/IP, DNS
- DevOps: Git, slack

PROJECTS

Swiss Bears Daycare Management System |Swiss bears   Jan 2024
- Developed a web-based application using PHP, HTML5, CSS, JavaScript, and Bootstrap.
- Facilitated communication between parents and daycare staff.
- Reduced manual administrative tasks by 40% through automation of daily reports.

Network Monitoring Tool | Academic Project   April 2024
- Designed a Python-based tool to monitor server uptime and network latency on Linux systems.
- Analyzed network traffic data to identify bottlenecks, improving response time by 25%.
- Implemented automated alerts for system administrators using Bash scripting.

EDUCATION

Bachelor of Science in Information Technology | KCA University   2021-Expected 2025
- Studied database management, network protocols, and cybersecurity frameworks as core components of the curriculum
- Gained hands-on experience in IT support by resolving student technical issues and optimizing campus IT systems

Java Programming & Database Administration Certifications | KENSWED VTC   2023-2024
- Completed intensive coursework in Java programming logic, OOP principles, and MySQL query optimization
- Designed and implemented relational database schemas for hypothetical business use cases.
- Applied skills to academic projects, including backend development for web applications.

WORK EXPERIENCE

IT Support Assistant | KCA University   2023–Present
- Resolved 50+ weekly technical issues (e.g., network connectivity, software bugs) for students and faculty, reducing campus IT downtime by 25%.
- Collaborated with a team of 5 IT professionals to optimize server performance and deploy security patches across 200+ devices.

Web Developer (Academic Project) | Swiss Beans Daycare   2024
- Integrated real-time notifications and report generation, reducing administrative workload by 30%.
- Conducted user testing with daycare staff to refine UI/UX, achieving a 95% satisfaction rate.

REFERENCE

- Mr Isaac Muteru
- isaac@quickofficepointe.co.ke
- 0708112014
- Lecturer at kenswed vtc