MICHAEL WAMBUA
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PROFESSIONAL SUMMARY

I'm an IT professional passionate about Full-stack Software Development, with practical experience in creating user-friendly products. Committed to continuous learning, I'm prepared to bring creative solutions, thrive in teamwork, and excel in dynamic environments. I have a solid foundation in Information Technology fundamentals.

EXPERIENCE

Kenya Film Classification Board   Nairobi, Kenya
ICT Intern   -   05/2022 - 07/2022

- Improved the real-time monitoring system, resulting in a 10% reduction in downtime by proactively identifying equipment malfunctions.
- Developed a centralized database system to optimize data storage for inventory management, resulting in a 15% reduction in downtime by enhancing real-time monitoring capabilities.

Masinde Muliro University of Science and Technology   Kakamega, Kenya
Industrial Training   -   05/2021 – 06/2021

- Documentation, Helpdesk and Hardware Maintenance, Database Management, Software Development, Networking, System Administration.

PROJECTS

Web-Based Online Bursary System for County Governments   2023

- **Technologies:** Python Django, SQLite, JavaScript
- Developed a platform aimed at application and disbursement of bursaries.
- Reduced incident response time by 20%, resulting in a more effective and timely application and disbursement of bursaries.
- Enhanced collaboration among stakeholders, leading to a 25% improvement in overall bursary management.

Smart Network   2023

- **Technologies:** Spring Boot, RESTful API Design, Microservice architecture, React, MySQL
- Developed Smart Network, a system that monitors networks, reducing network stops by 30% by identifying and fixing issues before escalation.

- The system enhanced operational efficiency by decreasing incident response time by 20%, improving overall network reliability.

SKILLS

- **Backend:** Java and Python
- **Frameworks:** Python Django, React
- **Data Structures and Algorithms**
- **sMicrosoft Office / SPSS**
- **MySQL**
- **Helpdesk and Maintenance**
- **DevOps Practices (Git etc.)**
- **Graphic Design**

EDUCATION

Masinde Muliro University of Science and Technology   Kakamega, Kenya
BSC. Information Technology   2019 - 2023

- GPA: Second Class Honors (Lower Division)

Muthingiini High School   Makueni, Kenya
KCSE Certificate   2015 - 2018

- GPA: 2.8/4

REFEREES

Name: **Petronilla Mueni**

Role: ICT Manager, KFCB

Contact: 0725 382455

Name: **DR. RAPHAEL ANGULU**

Role: Chair of Department in MMUST, Information Technology

Contact: +254729 260 641