ONWONGA SAMSON MICHIRA

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Professional Summary

A software engineering professional with mid-level experience specializing in software development, hardware and networking knowledge, Website and android development. A proven track record of executing complex technical projects for the development and implementation of CRM tools. Adept at developing custom software solutions for client businesses.

TECHNICAL SKILLS

- **Languages:** JavaScript, PHP, Python, Android Kotlin, Java
- **Frameworks**: React.js, Codeigniter, Flask.
- **APIs**: RestAPIs, Retrofit.
- **Databases:** MySQL, PostgreSQL, SQL, JSON, AWS S3, Firebase.
- **DevOps:** AWS EC2, AWS Amplifier, AWS Computing, Apache Kafka.
- **Methodologies:** Agile, Scrum.
- **General:** Git, CI/CD, Linux,Shell scripting, Networking

WORK EXPERIENCE

Kenya Revenue
Business Analysis/Quality Engineering Intern (January 2023 –)

- Coordinated with betting company during data transmission, ensuring seamless and successful integration to iTax system.
- Designed and presented comprehensive system specifications, including system architecture, data flow diagrams, and user interface mock-ups.
- Collaborated with business stakeholders to elicit and document detailed system requirements for diverse software development projects with various SUC reviews meeting and SUC sign-offs.

Amatech Solution Company
IT Support apprentice (April 2021 – 2022)

- Developed and designed amatech system for financial billing and user management. (https://crm.amatech.com).
- Troubleshooting system and network problems and diagnosing and solving hardware/software faults
- Provided support, including procedural documentation and relevant reports
- LAN and WAN management. Assisting in managing all IT hardware of the organization (installation, set up and maintenance).

Bonganet Solution Company
Technician Support apprentice (April 2018 – 2022)

- Developed and designed their website for financial billing and user management. (https://bonganet.co.ke/).

- Troubleshooting system and network problems and diagnosing and solving hardware/software faults
- Provided support, including procedural documentation and relevant reports
- Installed, designed and maintained security and surveillance systems(Managing and configuration of CCTV systems and biometric)
- LAN and WAN management

Software Developer Attaché-
Onfon Media (Telecommunication Company) August 2021 – December 2021

- Developed, tested and debugged Penzi sytems (dating platform) using React as frontend, php as the backend(https://github.com/omichsam/Penzi_shortCodee)
- Assisted with general support for hardware, peripherals, network connections, and external software.
- Installation of the various operating systems(windows, Ubuntu, Mint, Parrot, Cent OS
- Responded and resolved clients queries and issues as raised in the tickets.
- Ensuring the was 100% uptime for the services and servers of the company

EDUCATION AND PROFESSIONAL TRAINING
- ALX Software Engineering course(Ongoing)
- Google Digital Skills For Africa (Android development)
- Bachelor of Science (Software Engineering) Muranga University, 2018-2022
- Computer Packages: ElgonView College, June - July 2018
- Kenya Certificate for Secondary Education: Kanga High School, 2014 – 2017

LEADERSHIP EXPERIENCE
- Served as an Organizing Secretary Google Developers Students Association (GDSA) Muranga University.

KEY CAREER ACHIEVEMENTS

1. Took part in the process of testing the integration of different system to the iTax system, which anticipated an increase in revenue collection.
2. Contributed actively in the design and development of the Amatech web system for billing and managing users. (https://crm.amatech.co.ke)
3. Organizing and managing activities of the Muranga (GDSA) as the organizing secretary by planning events and guiding the newbies in tech.

PROFESSIONAL REFERENCES

Bonface Nyawencha, Bonganet Solution Manager, Kisii, Kenya. Phone: +254723291135 Email: boniwencha@gmail.com	**Emma Okinda,** Network Administrator, Onfon Media Nairobi, Kenya. Phone: +254727171275