



CLIFFORD PEMPHERO MWALE

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Work experience

National Statistical Office (NSO)

June 2018 — October 2018

Control Center Supervisor

In the 2018 MPHC, I was tasked with Training Enumerators in the use of the newly introduced Computer Aided Personal Interviewing (CAPI) from the previously used Paper Base Personal Interviewing (PAPI) methodology. As part of my role, I was also tasked with overseeing and supporting enumeration processes in the field, fix software problems and validating and synchronize data between local enumeration gadgets with the NSO Central Server.

Computicket Malawi

December 2018 — October 2019

IT Developer

Computicket Malawi is a travel and hospitality agency located in Lilongwe. Their services include providing flight booking, hotel booking and car rental services to tourists and citizens. At this post, I was the Lead Software Engineer responsible for brainstorming Software Solutions to customer's problems. As part of my role, I developed an online system that combined all customer services and digitized them to allow customers acquire these services with ease and at the convenience of their home.

Techsoft Malawi Limited

October 2019 — August 2021

Head Of Integration & Infrastructure Development

Techsoft Malawi Limited is a Software Engineering Company based in Area 6, Lilongwe; and is part of The Mvuma Group Of Companies. For so long as i've worked with Techsoft, my task was manly on a single Project which is a Mobile Payment System namely "KakuPay". This project was built of behalf of Techsoft's Sister Company "Wealthnet Finance PLC", a banking institution lately certified by the Reserve Bank of Malawi. This project involved the development of 2 Client endpoints, a USSD service (*3008#) and a Customer Web Portal (<https://customer.kakupay.com>) of which I personally worked on.

Other tasked included, Managing the IT infrastructure and leading development teams in designing durable, scalable and resilient Microservice based systems and Modules.

MobiPay Limited

September 2021 — Present

Senior Systems Engineer

During my time at the present workplace, I am responsible for design, development, deployment and management of MobiPay's Banking and Payments Gateway Systems. My daily work involves building customized web interfaces for management operations and Mobile and USSD Apps for customer servicing.

I currently lead a multinational team of 6 Developers, where 3 of them are based in Namibia and South Africa. This setup has allowed me to gain much needed experience in the use of online collaboration and remote access tools to manage distributed teams and infrastructure.

Education

Malawi School Certificate of Education

June 2010 — July 2014

Domasi Mission Secondary School

Diploma Computing Science and
Information Systems (ABMA)

July 2017 — June 2019

University of Malawi, Chancellor College

Passed with Credit

Certification In Design and Deployment of
Instant and Inclusive Payment Systems
(IIPS)

August 2021 — November 2021

Digital Frontiers Institute

Pursuing Bsc. Degree In ICT

September 2021 — Present

Malawi Institute Of Management (MIM)

Qualifications

I am a seasoned Software Engineer offering 8+ Years of Practical Software development experience and general IT prowess. I matured in the field shifting from a regular programmer to a tactical, analytical, research based and result oriented Software Engineer. I have worked on a number of contracts and consultations and have assisted many companies in bringing their Digital Presence and businesses to life.

My experience in working with complex distributed systems in banking and finance is an assurance that I can be trusted in building high risk Software Solutions that can have a direct positive impact on people's well-beings.

I take pride in the local consultations I have engaged in which Include the development of an Press Investment Management Information System (PIMIS) on behalf of Press-Trust (Web Based), Human Trafficking Monitoring System for the Ministry of Homeland Security (Mobile App and Web Based Portal).

Internationally, I have also worked with Companies e.g. Clinico Staffing Ltd and XQ-Logistics in the United Kingdom. Find listed reference accordingly.

Interests

My obsession with coding is a non-starter. But on my free time, I like to contribute to the open-source community by developing publicly consumed APIs and Libraries.

I am also a senior contributor on a Malawian Technology platform namely DivTag and also from time to time answer question on Stark Overflow.

Programming Stack & Skills

NodeJS,
Vanilla JavaScript,
Java,
PHP,
MySQL, Oracle SQL & MSSQL Databases,
Authenticated RESTful & SOAP API Development,
Microservices Architectural Design,
Message Queing (Mainly RabbitMQ and Kafka),
ReactJS & VueJS,
Project Management and DevOps
Github Actions (Continuous Deployment),
Linux Server Management and Hosting

References

- 1). Stanislaus Sakwiya (+265999160640)
CEO - MlimiPay Limited
- 2). Rowland Puluputu (+265997698245)
CEO - Maziko Financial Technologies
3. Daudi Suleman (Contact to be provided upon request) - Director General MACRA
4. Dr. Charles Phiri (+44 7799 133793)
Chairman - XQ-Limited
5. Mr Paul Katema (+265996979468)
Director: Digital Malawi Project / GWAN - E-Government
6. Mr Chikumbutso Chitsundi Banda
IT Manager - (GIZ Malawi)
7. Mr Chikondi Maleta (+265994962567)
Project Manager - Press Trust
8. Mr Chisomo Wisky (+265888534173)
Senior Software Engineer - Standark Bank
9. My Caleb Thole (ceo@glohomo.org)
Chairman For National Anti-Human Trafficking Taskforce (Ministry Of Homeland Security)
CEO - Global Hope Mobilization (GLOHOMO).
10. Mrs Marianne Nsanja Gunda (+265888556122)
Managing Director - MobiSchool Malawi