

Francis Ganya

Curriculum Vitae

Date of Birth: 22-06-1996
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Personal Statement

I am a highly motivated IT professional with over 5 years of experience. Proficient in a variety of skill sets including software development, data analytics, networking and business management. Talented with strong analytical skills and the ability to solve problems creatively using modern technological tools. A team player with excellent and proven ability to collaborate effectively on projects. Adept at learning and adapting to new technologies and environments quickly.

Education

The Malawi University of Business and Applied Sciences (Formerly, University of Malawi, The Polytechnic) (2014-2020)

- ▶ Bachelor of Science Degree in Management Information Systems (MIS) with strong credit (2020).
- ▶ Diploma in Information Technology Systems Support (City and Guilds) (2014).
- ▶ IT Essentials Certificate (Cisco Networking Academy) (2014).

Qualifications

- ▶ Applied Data Science Lab (World Quant University) (2024)
- ▶ Accelerated Computing with CUDA C/C++ (NVIDIA Deep Learning Institute)(2024)
- ▶ Data Analyst Nano-degree (Udacity) (2023)
- ▶ AWS Cloud Practitioner Certification (Amazon Web Services) (2022)
- ▶ Azure Fundamentals Certification (Microsoft) (2021)

Experience

Digital Skills Expert, Rydberg Starck Limited (Nov 2022 - Present)

Key Highlights:

- ▶ Developing training content for digital skills trainings

- ▶ Supporting facilitation of mass ICT literacy trainings
- ▶ Managing and developing internal supporting infrastructure and systems

Staff Associate, Malawi University of Business and Applied Sciences (Jun 2019-Present)

Key Highlights:

- ▶ Lecture students in Computing courses including Programming and Computerised Accounting.
- ▶ Serve as a technical assistant at the Innovation Hub, building internal management systems for the university and facilitating trainings.
- ▶ Served as a student assistant.

Technology Lead, Lync Systems (March 2020 - Present)

Key Highlights:

- ▶ Lead in the designing, implementation and deployment of software solutions for clients.
- ▶ Developed an information system for ICT Association of Malawi (ICTAM)
- ▶ Developed a multi-platform software solution to enhance dissemination of sexual and reproductive health (SRH) information as well as a tool for reporting SRH cases.
- ▶ Developed a mapping application for Malawi Liverpool Wellcome Trust for mapping patients in places where there are limited addressing systems.

Software Engineering Associate, Bunda Enterprise Innovation Hub (December 2020 - Present)

Key Highlights:

- ▶ Developed an SMS Platform for interacting and providing agricultural advisory to low income farmers using feature phones.

IT Consultant, Hortinet Foods Limited (July 2020 - March 2021)

Key Highlights:

- ▶ Developed a tissue culture management information system for tracking plant-lets in a lab.
- ▶ Developed the company's website: hortinetfoods.mw

IT Trainer, Vision IT (2018- Present)

- ▶ Facilitated trainings in Microsoft Office packages for high end clients including EGENCO.

Data Archive Assistant, First Capital Bank (Feb 2018 - Apr 2018)

- ▶ Managed and maintained customer profile data.

IT Volunteer, My Community My Solution (2017 - Present)

- ▶ Developed an e-voting system for the student's association at Malawi University of Business and Applied Sciences.
- ▶ Facilitated peer trainings with members of the association.

IT Technician, Technology ETC (Nov 2017 - Jan 2018)

- ▶ Maintained IT equipment and network infrastructure for high end clients including: Fargo, AVIS Rent a car, Mike Appel and Gatto, Nyasa Junior Academy.

Research and Academic Presentations

- ▶ The development of a final year projects management systems for the Polytechnic Computing and Information Technology Department, UNIMA, Research
- ▶ Introduction to Open Source and Version Control Systems, POCITS Grand Event , Innovation Hub, Polytechnic Chichiri Campus , 2015, Presentation
- ▶ Improving management of capstone projects , 2020 CIT Symposium, Amaryllis Hotel , Blantyre, February 2020, Presentation

Scholarships, Awards and Recognitions

- ▶ Malawi Government National Sponsorship For University Students.
- ▶ President of the Computing Students Society at MUBAS (2018-2019)
- ▶ The best programmer award, The Malawi Polytechnic CIT class of 2020
- ▶ Next Einstein Forum (NEF), African science week coding challenge best agricultural software innovation.
- ▶ Best student, St Patricks secondary school, class of 2013.

Reference Software Projects

- ▶ Developed a Manuscripts Management Information System for The Malawi Journal of Applied Sciences.
- ▶ Developed a Properties Dashboard for Lilongwe City Council.
- ▶ Developed a Student applications system for MUBAS.
- ▶ Developed an SMS Platform for Chiweto (Bunda Enterprise Innovation Hub), (<https://chiweto.ch/>)
- ▶ Developed a Performance Management System for Nico Technologies.
- ▶ Developed an Electronic Participant Locator (ePAL) system for Malawi Liverpool Wellcome Trust

- ▶ Developed a management information system for a money club (Yar01).
- ▶ Developed a catalog system for the INSPIRE Peach project (<https://c19na.vercel.app/>)
- ▶ Developed a custom website for the INSPIRE Peach project (<https://inspiredata.network/>)
- ▶ Developed the backend CMS for the UniPod website (<https://unipod.ac.mw/>)
- ▶ Developed an SMS Adapter for aggregating SMS messages from an SMPP Server
- ▶ Developed a multi-platform solution for IPAS. (USSD, *380#, Whatsapp Bot, Android App)
- ▶ Developed an e-voting system for the MUBAS student body.
- ▶ Developed the a management information system for the ICT Association of Malawi (<https://mis.ictam.org.mw/>)
- ▶ Developed the website for the ICT Association of Malawi (<https://ictam.org.mw/>)
- ▶ Developed a website for DesignIT Visuals (<https://designitvisuals.com/>)
- ▶ Developed a website for Hortinet Food Limited (<https://www.hortinetfoods.mw/>)
- ▶ Developed an e-commerce platform for product and service sourcing. (<https://pasamoney.com/>)

NB: For projects not publicly available, demonstration is available upon request.

Referees

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