

Emmanuel Julius Chaligha, MD

MEDICAL DOCTOR · RESEARCHER · TECHNOLOGY FREELANCER

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PROFILE

Medical doctor and systems-oriented builder working at the intersection of healthcare, research, and technology. Trained across the major clinical specialties in high-volume, resource-limited settings, and currently in clinical practice at Consolata Hospital Ikonda while developing Medilog EHMS, an electronic health management system for clinical workflows, patient records, and reporting. I approach patients, machines, and software with the same method: isolate the root cause, fix the system, prevent recurrence.

EXPERIENCE

Medical Doctor

2026 - Present

Consolata Hospital Ikonda · Tanzania

- Provide inpatient and outpatient care across general medical, surgical, and emergency presentations.
- Work within multidisciplinary teams on diagnosis, management, and follow-up in a rural referral setting.
- Apply frontline clinical experience directly to the design of Medilog EHMS.

Intern Doctor

Dec 2024 - Dec 2025

Shinyanga Regional Referral Hospital · Shinyanga, Tanzania

- Completed full rotations in internal medicine, general surgery, obstetrics and gynaecology, paediatrics, emergency medicine, and community health.
- Managed acute and chronic conditions - hypertension, diabetes, heart failure, infectious diseases - from assessment through treatment and follow-up.
- Assisted normal deliveries and emergency obstetric care; provided antenatal, intrapartum, and postnatal management.
- Performed core procedures: suturing, incision and drainage, catheterization, nasogastric intubation, IV access, BLS, and trauma stabilization.
- Participated in clinical audits, case presentations, and quality-improvement meetings.

Independent Technology Freelancer

Ongoing

Self-employed · Tanzania

- Diagnose and repair PCs, laptops, and smartphones for individuals and small businesses: hardware faults, software issues, and performance problems.
- Deploy, configure, and administer Linux systems (Fedora), including migrations from Windows.
- Provide system optimization and ongoing software maintenance, documented so fixes last.

CURRENT PROJECT

Medilog EHMS - Founder & Developer

In active development

- Electronic health management system aimed at improving clinical workflows, patient records, documentation, reporting, and healthcare operations.
- Designed from daily frontline practice: every feature traces to a real workflow problem observed in Tanzanian hospitals.

EDUCATION

Doctor of Medicine (MD)

2019 - 2024

Catholic University of Health and Allied Sciences (CUHAS)

Advanced Certificate of Secondary Education (ACSEE)

2017 - 2019

Marian Boys' Secondary School

Certificate of Secondary Education (CSEE)

2013 - 2016

Maua Seminary

SKILLS

Clinical	History and examination · differential diagnosis · evidence-based management · emergency and trauma resuscitation · maternal and neonatal care · paediatric assessment · peri-operative care · infection prevention and control
Technology	Hardware diagnostics and repair · Linux administration (Fedora) · system optimization · EMR and hospital information systems · medical documentation · Microsoft Office
Research	Clinical case analysis · clinical audit and quality improvement · literature review · data recording and analysis for clinical reporting

LANGUAGES

English (fluent) · Kiswahili (fluent)

REFERENCES

Available on request.