

MASUDI HAMIDU MFAUME

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GitHub Account: <https://github.com/masudihamidu>

Website: <https://masudihamidu.github.io/biography/>

SUMMARY

System and software developer. Innovative with 2+ years of experience in system and software development. System developer specializing in front-end development and back-end development. Experienced with all stages of the development cycle for dynamic web projects. Well versed in Visual basic (Programming Environment), programming languages including Java OOP (Object Oriented Programming), JavaScript, Python, PHP, MySQL, HTML, and CSS. Familiarity with common programming tools such as Redux, IDEs, RESTful API, Git repositories, Typescript.

PROFESSIONAL EXPERIENCE

2022

System developer – Field practical training Program indicator disaggregator

HISP Tanzania, Daresalaam, Tanzania

- Contributor of system development in program indicator disaggregator.
- Extending disaggregation by using DHIS2 variables and constants.
- Extending disaggregation by more operators and ranges.
- Addition of program indicator dictionary.
- Compound disaggregation by using multiple variables, constants, data elements and/or attributes.

2021

System developer – Project Work Online Graduate Clearance System

Identifying areas for modification in existing system and subsequently developing these modifications. Writing and implementing efficient code.

2020

System Developer – Field Practical Training IFM Project

Designing and implementing information system management. Testing and evaluating management system.
Writing and implementing efficient code.

2019

Web developer – Practical Training IFM Project

Designing and developing website. Writing and implementing efficient code.

ACADEMIC

2021 – 2024

Bachelor of Computer Science Institute of Finance Management (IFM)

- Present

2019 – 2021

Ordinary Diploma in Computer Science Institute of Finance Management (IFM)

Relevant Modules:

- Fundamentals of Website Design (84%)
- Object Oriented Programming (86%)
- Event-Driven Programming (74%)
- Fundamentals of Database Management (92%)
- Fundamental of Computer Network (78%)

2018 – 2019

Basic Technician Certificate in Computing and Information Technology Institute of Finance Management (IFM)

- Pass

2013 – 2016 Mikumi Secondary School

2006 – 2012 Mikumi Primary School

SKILLS

- System development.
- Programming.
- RESTful API.
- District Health Information System 2 (DHI2) platform.
- Driving skills.
- Cyber security, and IoT (Internet of Things).
- Git repositories.

CERTIFICATIONS

- **Programming Languages courses** Python, PHP, JavaScript, SQL: Sololearn
- **Web Development tools:** HTML, and CSS: Sololearn
- **Framework:** React + Redux: Sololearn
- **Responsive Web Design course:** Sololearn
- **Coding for Marketers course:** Sololearn
- **Game development with JavaScript :** Sololearn
- **Introduction to Cyber security:** SkillUp
- **DHIS2 Platform courses:** Introduction to DHIS2 (District Health Information System 2), Aggregate data capture and validation fundamentals: HISP center, University of Oslo.

ATTEND TRAINING

WHO (World Health Organization) metadata packages.

- Importing metadata file in DHIS2 platform.
- Data quality, and data input validation.

REFERENCES

- Dr. Msury Mahunnah, Head, Computer Science Department
IFM Email: msury.mahunnah@ifm.ac.tz
- Mr. Joseph Philbert Chingalo, Lead developer, HISP Tanzania
Email: jchingalo@hisptanzania.org