

# MASUDI HAMIDU MFAUME

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

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## SUMMARY

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Software developer, system, and web developer. Innovative with 2+ years of experience in web development and system development. Web 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

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### 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.

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**2019**

**Web developer – Practical Training IFM Project**

Designing and developing website. Writing and implementing efficient code.

**ACADEMIC**

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**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**

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

## CERTIFICATIONS

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- **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.

## TRAINING ATTEND

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- WHO (World Health Organization) metadata packages.
  - Importing metadata file in DHIS2 platform.
  - Data quality, and data input validation.

## REFERENCES

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- Dr. Msury Mahunnah, Head, Computer Science Department IFM  
Email: [msury.mahunnah@ifm.ac.tz](mailto:msury.mahunnah@ifm.ac.tz)
- Mr. Joseph Philbert Chingalo, Lead developer, HISP Tanzania  
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