

# DZONTOH MAWULI WISDOM

WEB DEVELOPER/SOFTWARE ENGINEER

## Profile

Health Information Officer, software engineer, and computer scientist. Combining a strong computer science foundation with a commitment to improving healthcare through technology. Proven experience in software engineering projects, showcasing innovation and problem-solving skills. Eager to contribute to advancements in health information systems and bridge the gap between technology and healthcare.

## Contacts

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## Portfolios

 <https://github.com/wisdomdzontoh>

 <https://www.linkedin.com/in/wisdom-dzontoh-563430195/>

 <http://wisdomdzontohportfolio.42web.io/>

## CERTIFICATIONS

- HHFA DATA COLLECTOR
- DHIS CUSTOMIZATION
- BASICS OF PYTHON PROGRAMMING

## Experience

### HEALTH INFORMATION OFFICER

Greater Accra Regional Health Directorate - Ghana Health Service - (P.O.BOX 84 North Ridge)

2021- present

- Utilized DHIMS2, Ghana's health data management system, to collect, analyze, and interpret data.
- Trained healthcare professionals in capturing and analyzing data to support planning and decision-making
- Developed data collection tools using web software such as Kobo Collect, ODK, and Google Forms during monitoring and evaluation visits
- Conducted data analysis using Excel, SPSS, STATA, and EPI INFO software
- Ensured the implementation of effective health data management practices by conducting supervisory visits

### HHFA DATA COLLECTOR

WORLD HEALTH ORGANIZATION (CC: GHS & MOH)

2022- 2023

- Acted as an instrumental data collector for the Ghana Harmonized Health Facility Assessment (HHFA), a comprehensive survey conducted in Ghana.
- Assessed service availability and readiness of the health system, providing critical insights to inform policy-making processes led by the Ministry of Health (MOH) and Ghana Health Service (GHS).
- Collaborated closely with the World Health Organization (WHO) to ensure the successful execution and support of the HHFA project. Utilized active data collection techniques, employing rigorous methodologies and tools to gather accurate and reliable information.
- Contributed to the enhancement of healthcare services in Ghana by delivering high-quality data analysis and interpretation to facilitate evidence-based decision-making.

## Language

- English
- Twi
- Ewe

## Expertise

- C++, JAVA, Python
- Git,
- HTML, CSS, JavaScript, react, express.js, node.js
- Data Analysis Skills,
- Problem-solving and algorithm design expertise,
- Proficient in Git version control system, APIs and linux,
- GIS, STATA, SPSS
- Microsoft Office suite
- SQL database management,
- Experienced in Agile and Scrum methodologies, Web Development
- Mobile app development with flutter and firebase

## References

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Medical Doctor

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G/A Regional Data Protection

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## RESEARCH ENUMERATOR

university Of Ghana Business School - Department Of Finance  
08/2022- 09/2022

- conducted a baseline study on out-of-pocket expenditures (OOPE) for patients.
- Participated in the SWISS TPH Project on Health System Governance. • Used Qualtrics offline survey App for data collection

## CLINICAL DATA ABTRACTOR

AYA Collective (GHS)

08/2022- 09/2022

- Participated in the baseline evaluation of the "Making Every Baby Count Initiative (MEBCI 2.0)" in Ghana.
- Entered data from delivery, antenatal, and NICU registers at Ridge Hospital using Survey CTO

## RESEARCH ENUMERATOR

university Of Ghana Business School - Department Of Finance  
11/2023- 12/2022

- Child labour cocoa project in collaboration with International Cocoa Initiative (ICI) and University of Zurich - Switzerland (ETHZ)
- Conducted interviews with children and their caregivers to ascertain the impact of school kits distributed during the baseline survey
- Visited about 6 schools in two regions (Eastern and Ashanti region)

## Education

Ghana Communication Technology University (GCTU)

BSc. Computer Science

2023- 2026

College of Health and Well Being

Diploma Health Information Management

2018-2021

Africa Leadership Union

Software Engineering

2022-2023

## Skills Summary

Design Process	<div><div></div></div> 90%
Project Management	<div><div></div></div> 81 %
Web development	<div><div></div></div> 90%
Data Management and analysis	<div><div></div></div> 90%
Team work and collaboration	<div><div></div></div> 90%
Software development	<div><div></div></div> 94%
Geographic Information System (GIS)	<div><div></div></div> 96%