# *Mugambi Maryanne Mare Mukiri*

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## Personal details

**Date of Birth** December 10, 1996

**Gender** Female

**Nationality** Kenyan

**Languages** English, Swahili

**I.D Number** 35192000

**Marital status**  Single

## Career objectives

To be a leading Research and Development professional in the communication industry with a vision of developing products, services and solutions that meet the information requirements of the clients. This will be achieved through high levels of: PICTURE: (**P**rofessionalism, **I**ntegrity, **C**haracter, **T**olerance, **U**tility, **R**espect and **E**fficiency)

## Profession, Certificates and Awards

**Field of Profession:** Business information Technology

**Certificate and awards:**

* Introduction to Scripting in Python by Rice University on Coursera. Certificate earned at November 19, 2020
* IT Fundamentals for Cybersecurity by IBM on Coursera. Certificate earned at August 21, 2020
* Google IT Support by Google on Coursera. Certificate earned at July 26, 2020
* Google IT Automation with Python by Google on Coursera. Certificate earned at November 27, 2020
* Cybersecurity for Business by University of Colorado System on Coursera. Certificate earned at September 2, 2020
* Web Applications for Everybody by University of Michigan on Coursera. Certificate earned at September 13, 2020
* Blockchain Basics by University at Buffalo on Coursera. Certificate earned on November 24, 2020
* Configuration management and the cloud by Google on Coursera. Certificate earned at November 27, 2020.
* Cybersecurity and the Internet of Things by University System of Georgia

On Coursera. Certificate earned at September 2, 2020.

* Virtual Reality by University of London & Goldsmiths, University of London on Coursera. Certificate earned at August 31, 2020
* Web Design for Everybody: Basics of Web Development & Coding by University of Michigan on Coursera. Certificate earned at September 13, 2020
* Visual Elements of User Interface Design by California Institute of the Arts on Coursera. Certificate earned at August 8, 2020
* Introduction to Data Analytics for Business by University of Colorado Boulder on Coursera. Certificate earned at July 29, 2020
* Creative Writing: The Craft of Plot by Wesleyan University on Coursera. Certificate earned on August 11, 2020.

**Specialty in Profession:**

* Network Planning, Design, Implementation and Management
* Interactive Web Application Development

## Work Experience

**National Health Insurance Fund (NHIF). May- July 2019**

**Post: IT support desk Intern**

**Core Duties:**

* Managing the office wireless network
* Registering new Claims
* Troubleshooting the network.
* Assisting employees with issues in their laptops and desktops.

## Skills

**IT Skills**:

* **Networking:** troubleshooting and debugging network issues with cmd, Wireshark
* **Operating Systems:** Windows, Linux
* **Programming Languages:** programming in Java, C++, Python, basic C.
* **Web application development:** PHP, JavaScript, CSS, XML, Vs Code, word press,
* **Google:** Search Engine Optimization
* **Scripting in Python:** Data analysis, data visualization
* **Web servers**: Apache and IIS.
* **Databases:** Creating normalized databases in MySQL, MariaDB, Building Database Applications in PHP
* **UI/UX design**
* **Using python to access web data:** web scraping.
* **Using Git:** Git bash, Git hub
* **Cybersecurity:** Cryptography, encryption, Detecting and Mitigating Cyber Threats and Attacks, Cyber Threats and Attack Vectors, Proactive Computer Security.
* **Virtual reality:** using Unity, 3D character animator, 3D computer graphics
* **System administration:** working with Active Directory, Lightweight Directory Access Protocol.
* **Softwares:** Ms word, Excel
* **Configuration Management:** using puppet, cloud computing basics

**Other skills:**

* Creative writing skills : Fiction writing, copy editing skills, short story writing
* Research skills
* Business analysis: consultative skills, problem solving skills, analytical thinking, generating new ideas.

## Education Background

1. **Kenya Methodist University**

January 2017- November 2020

Undergraduate Degree: Bachelor of Business Information Technology.

1. **Marymount Secondary School**

2011-2015

Kenya Certificate of Secondary Education (KCSE)

1. **Valley’s Lily primary school**

2007- 2010

Kenya Certificate of Primary Education (KCPE)

## Achievements and projects

* Current Projects:
  1. Making a website for selling cakes Online using wordpress

## Hobbies and Interests

1. Playing Video games
2. Reading Novels
3. Learning how to make VR games- interest
4. Writing (Creative writing)
5. Watching movies
6. Generating ideas to solve problems around me.
7. Volunteer at animal shelters- interest

**Referees**

1. Mr. Samora Omuodo,

Head of IT department,

National Health Insurance Fund – Meru branch,

Tel: +254 720 318031

1. Mrs. Jenu John,

Head of Distance Learning Mode, Lecturer,

Computer Science Department,

Kenya Methodist University,

Tel: +254 722 288904

1. Mr. David Kaje (My Project Supervisor),

Lecturer,

Computer Science Department,

Kenya Methodist University,

Tel: +254 729 037902