

# OGIRE KENNETH

SOFTWARE ENGINEER

**Gender:** Male

**Email:** ogirekenneth@gmail.com

**Website:** <https://www.linkedin.com/in/ogire-kenneth-68999a213>

**Date of birth:** 04/feb/1999

**Phone:** +256781315904

**Address:** Makerere, Kampala



## ABOUT ME

Passionate about crafting transformative software solutions, I am Ogire Kenneth, a dedicated software engineer. With a strong foundation in programming and a relentless drive for innovation, I excel at designing and implementing robust applications that streamline processes and enhance user experiences. Constantly evolving my skills and staying abreast of emerging technologies, I thrive in dynamic, collaborative environments where I can contribute to impactful projects. Committed to delivering excellence, I am eager to connect with fellow professionals and explore opportunities to make a meaningful impact in the world of software engineering.

## AREAS OF KNOWLEDGE

### Programming languages:

C/C++, Java, PHP, Python, JavaScript

### Database Management:

MySQL, MariaDB, MongoDB

### Web Development:

HTML, CSS (Bootstrap, Tailwind CSS), jQuery

### User Interface Design:

## EDUCATION

**Makerere University**, Bachelor of Science in Software Engineering

August 2019 - June 2023

**Current CGPA: 3.97**

**Old Kampala SSS**, A- Level

February 2016 - December 2017

**Physics, Economics, Math (PEM)/ICT: 12 points**

**Old Kampala SSS**, O- Level

February 2012 - December 2015

**Aggregates: 26, division one**

## WORK & PROGRAMMING EXPERIENCE

**Ministry of ICT and National Guidance Uganda**, Data Networks Engineer

MAY 2022 - JULY 2022

I collaborated with a team of engineers to achieve the following:

1. Developed Standards and Guidelines for Digitization of the Postal Sector to enhance the efficiency and effectiveness of postal services using digital technologies.
2. Led the development and implementation of strategic projects aimed at leveraging Data Networks for socio-economic transformation, resulting in positive impacts on various sectors.
3. Contributed to the development of Policies, Laws, Strategies, Guidelines, and Standards on Data Networks to ensure the secure and effective use of digital technologies.
4. Demonstrated strong leadership and teamwork skills while working in a dynamic and challenging environment.

**Year two recess project**, Data Analyst

JANUARY 2022 - FEBRUARY 2022

As part of a team of 5, I collaborated on a data analysis and visualization project using Python and its libraries, including Matplotlib and Pandas. Our project focused on analyzing and visualizing crime data from 2018 in Uganda. In this project, I took ownership of cleaning and preprocessing the data, as well as analyzing and visualizing the homicides cases and the overall summary of crimes for the year 2018. You can find more information about the project and our code on our team's GitHub repository: <https://github.com/recess-group-e1-Data-science/PythonDataScience>.

## Frameworks:

Laravel, Vue JS, React JS

## INTERESTS

**1. Acquire Knowledge and Experience:** I am keen on gaining extensive knowledge and hands-on experience in software development to enhance my expertise and stay up to date with the latest technologies.

**2. Explore My Career Path as a Developer:** I am eager to explore various software development career paths, including front-end, back-end, and full-stack development, to identify my strengths and areas of interest and pursue a fulfilling career.

**3. Network with Professionals in the Field:** I am interested in building a strong professional network within the software development community to learn from experienced professionals, exchange knowledge and ideas, and collaborate on exciting projects.

**4. Enhance My Confidence:** I am passionate about developing my skills and confidence in software development to take on more challenging and innovative projects, become a valuable team member, and ultimately achieve my career goals.

## REFEREES

**Dr Mary Nsabagwa:** Lecturer: Makerere University  
Email: mnsabagwa@gmail.com

**Eng. Joseph Nsabiyumva:** Data Networks Engineer:  
Ministry of ICT and National Guidance Uganda  
Tel: +256779221174

**Dr Nasser Kimbugwe:** Lecturer: Makerere University  
Email: kimbugwe@gmail.com

## Network Application Development project, Senior software Engineer

NOVEMBER 2021 - DECEMBER 2021

As part of a team of 5, I collaborated on a Java & JSP web application project to create a Covid-19 Administration Tracker. Our project aimed to track the number of vaccinations, manage the inventory of vaccines, and handle bookings for vaccination, among other things. In this project, I took on a leadership role, managing the team and assigning tasks to team members. Additionally, I developed the admin panel for the project, which helped our team manage the data and functionalities of the application more efficiently. You can find more information about the project and our code on our team's GitHub repository: <https://github.com/JavaNadgroup/vaccineAdministrationTracker>.

## Year One recess project, Developer

DECEMBER 2020 - JANUARY 2021

As part of a team of 4, I collaborated on a web and socket application project in C and Laravel to manage the data of a vaccination campaign. Our project aimed to register vaccinated patients, process staff payments, and manage the data effectively. In this project, I took on a critical role, responsible for designing the database and coding the socket application. My contribution helped our team create an efficient and robust application to manage the data of the vaccination campaign. You can find our sockets code on my GitHub repository: <https://github.com/kennethogrey/ogrey-c-sockets>.

## RELEVANT COURSES

During my bachelor's program in software engineering, I completed courses in various areas, including:

- Computer Networks
- Computer Literacy
- User Interface Design
- Data and Information Management
- Data Structures and Algorithms
- Structured Programming (C)
- Internet Programming (HTML, CSS, JavaScript)
- Object-Oriented Programming (JAVA)
- Artificial Intelligence
- Problem Solving and Programming Concepts
- Introduction to Embedded Systems

These courses provided me with a solid foundation in essential software engineering concepts and technologies, including programming languages, data management, and networking. They equipped me with the necessary skills to develop and deploy efficient and effective software solutions.

## SKILLS

As a software engineer, I have honed my skills in the following areas:

- Problem-solving, critical thinking, and analysis
- Attention to detail
- Self-motivation and a results-driven mindset
- Excellent interpersonal and communication skills, both verbal and written
- Flexibility and adaptability to changing requirements and circumstances
- Collaborative approach to work, comfortable working in a team environment
- Proficiency in technology use and development

These skills have allowed me to excel in my role as a software engineer and have enabled me to work on various projects, both individually and as part of a team.