

# KENNEDY MWAVU

As a self-taught developer, *curiosity* is my middle name. I believe the only way to create something of high quality and long-lasting is to build my ideas from first principles.

Currently working as a shiny app developer, I build production grade dashboards coupled with data analysis and interactive visualizations. The main tools I use are R, Shiny, Python, and PostgreSQL.



## PROFESSIONAL EXPERIENCE

July 2021  
|  
Present

### Software Developer

**actserv** - Actuarial Services (E.A) Ltd

Nairobi, Kenya

Developed interactive dashboards with **shiny** and **shinydashboard** to allow teams to add, edit and delete data from company database with zero database knowledge, which led to increased productivity of employees.

Queried, cleaned and visualized data with the help of **data.table**, **tidyverse** and **plotly** libraries to update teams on financial performances of clients which in turn improved client experience since the teams were able to send out quality information.



## PROJECTS

February  
2022

### shiny-sudoku

R shiny web application

Nairobi, Kenya

**Tools used:** Shiny, shinydashboard, rhandsontable

For playing and solving custom sudoku puzzles and also generating new ones.

September  
2021

### WhatsApp Group Chat Analysis

R shiny web app

Nairobi, Kenya

**Tools used:** shiny, shinydashboard, plotly

An analysis of one of my WhatsApp group chats using R.

June  
2021

### Forms

R shiny web app

Nairobi, Kenya

**Tools used:** R shiny

Mimicking google forms using R shiny.

May  
2021

### SudokuR Package

An R package

Nairobi, Kenya

**Tools used:** R Programming Language

An R package for solving sudoku puzzles.

## CONTACT INFO

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## SKILLS

R/RStudio

Shiny

Markdown

Version Control (Git & GitHub)

Python

PostgreSQL

LaTeX

## COMMONLY USED LIBRARIES

shiny  
tidyverse  
data.table  
pandas  
numpy



## EDUCATION

2018  
|  
Present



**University of Nairobi**  
B.S. in Actuarial Science

📍 Nairobi, Kenya

2014  
|  
2017



**Alliance Highschool**  
KCSE

📍 Kiambu, Kenya