

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.



EDUCATION

2018
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Present

University of Nairobi

B.S. in Actuarial Science

📍 Nairobi, Kenya

2014
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2017

Alliance Highschool

KCSE

📍 Kiambu, Kenya



PROFESSIONAL EXPERIENCE

July 2021
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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

An 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.

CONTACT INFO

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SKILLS

R/RStudio

Shiny

Markdown

LaTeX

Python

PostgreSQL

Version Control

COMMONLY USED LIBRARIES

shiny + shinydashboard
tidyverse
pandas
numpy

June
2021

Forms

R shiny web app

Tools used: R shiny

Mimicking google forms using R shiny.

📍 Nairobi, Kenya

May
2021

SudokuR Package

An R package

Tools used: R Programming Language

An R package for solving sudoku puzzles.

📍 Nairobi, Kenya