Kennedy Mwavu

Nairobi, Kenya

mwavukennedy@gmail.com

+254 721 231292

Being a results-oriented software developer, I have consistently delivered dependable, efficient, and scalable solutions.
I am proficient in R, JavaScript, and full-stack development.

Work Experience

Software Developer

Actuarial Services (EA) Ltd - Nairobi

January 2022 to Present

- Reduced the processing time of runoff triangles from 2 hours to 10 seconds through implementation of an actuarial valuation system using R and JavaScript.
- Addressed the challenge of handling large datasets split across multiple files by creating an R Shiny application to automate excel-to-csv conversion, and seamlessly merge related datasets into a single consolidated file.

Assistant Software Developer

Actuarial Services (EA) Ltd - Nairobi

July 2021 to December 2021

- Enabled effortless and quick performance evaluation of the various classes of the insurance industry by architecting a web application that offers interactive data analysis and visualization capabilities.
- Optimized the performance of R Shiny applications through deployment using Docker and ShinyProxy.

Education

BSC in Actuarial Science

University of Nairobi - Nairobi

September 2018 to September 2022

High School Diploma

Alliance High School - Kiambu

January 2014 to November 2017

Skills

- R (4 years)
- JavaScript (2 years)
- Python (3 years)
- HTML, CSS, Bootstrap (3 years)
- Git (3 years)
- GitHub (3 years)
- Docker (2 years)
- Linux (2 years)
- Bash (1 year)
- Full-stack development (3 years)

Languages

- English - Fluent

Links

- Portfolio: https://mwavu.com/
- GitHub: https://github.com/kennedymwavu