

Kennedy Mwavu

Nairobi, Kenya

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I have consistently delivered software solutions that are dependable, efficient, and scalable.

Work Experience

Software Developer

Actuarial Services (EA) Ltd - Nairobi

January 2022 to Present

- Implemented an actuarial valuation system using R and JavaScript. The system reduced the processing time of runoff triangles from an initial 1-2 hours to less than 10 seconds.
- Developed an R Shiny application to automate conversion of excel files to csv, and seamlessly merge multiple related datasets into a single consolidated file. The app addressed the challenge of handling large datasets split across multiple files.

Assistant Software Developer

Actuarial Services (EA) Ltd - Nairobi

July 2021 to December 2021

- Built an R Shiny web app to interactively analyze and visualize the performance of the various classes of business in the Kenyan insurance industry.
- Successfully deployed R Shiny apps 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)
- HTML (3 years)
- CSS (3 years)
- 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

- <https://mwavu.com/>
- <https://github.com/kennedymwavu>