

KENNETH GICHUKA

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<https://github.com/KennethAlbert>

Personal Profile

I am a driven Natural Resource Manager and Software Developer, combining a strong background in fisheries, environmental management and conservation with expertise in cloud computing and software development. I am enthusiastic about utilizing my scientific and technical skills to foster innovation and deliver outstanding service within your organization, and I am committed to building robust partnerships with key stakeholders.

Work Experience

VOLUNTARY RESEARCH ASSOCIATE | KENYA FISHERIES AND MARINE RESEARCH INSTITUTE (KMFRDI).

April 2023-Present | Mombasa, Kenya.

Participate in research activities on:

- Marine and Freshwater fisheries.
- Aquaculture.
- Fisheries Post-harvest.
- Fisheries Stock Assessment.
- GIS and Remote Sensing.

VOLUNTARY RESEARCH ASSOCIATE | KENYA FORESTRY RESEARCH INSTITUTE (KEFRI).

January 2020 - January 2023 | Muguga, Kiambu.

Participated and gained general skills in forestry and specialized skills in:

- GIS and Biometrics.
- Forest governance.

- Biotechnology.
- Climate change.
- Soil sampling and analysis.
- Taxonomy and etho-botany

Education Qualification

GRADUATED: NOV 2019: BACHELOR OF SCIENCE IN NATURAL RESOURCE MANAGEMENT.

UNIVERSITY OF ELDORET

GRADUATED: 2014: KENYA CERTIFICATE OF SECONDARY EDUCATION.

KIAMBU HIGH SCHOOL

Technical Skills

PROGRAMMING LANGUAGES.

- Python.
- Bash
- SQL.
- R.
- Javascript.
- Ruby.

AWS CLOUD COMPUTING

DATABASES

- MySQL.
- Amazon Aurora.
- Amazon
DynamoDb

- Scripting using Linux , Amazon EC2.

GIS AND REMOTE SENSING

- QGIS.
- ArcGIS
- Google Earth Engine.

Soft Skills

- ❖ Ability to translate complex technical findings to non-technical stakeholders.
- ❖ Strong written and verbal communication for clear reporting and documentation.
- ❖ Problem solving skills to identify and address challenging issues.
- ❖ Ability to work collaboratively with cross-functional teams and in a fast-paced dynamic environment.
- ❖ Ability to work under tight timelines and deliver accurate results.

Professional Qualifications

- ❑ **AWS CERTIFIED CLOUD PRACTITIONER**
AMAZON WEB SERVICES
- ❑ **CERTIFICATE IN SOFTWARE DEVELOPMENT**
MORINGA SCHOOL.

Referees

Dr. Johnstone O. Omukoto Senior Research Scientist
Kenya Marine and Fisheries Research Institute (KMFRI)

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