

Mr. Magoti Ernest

3rd year – BSc. Aquaculture

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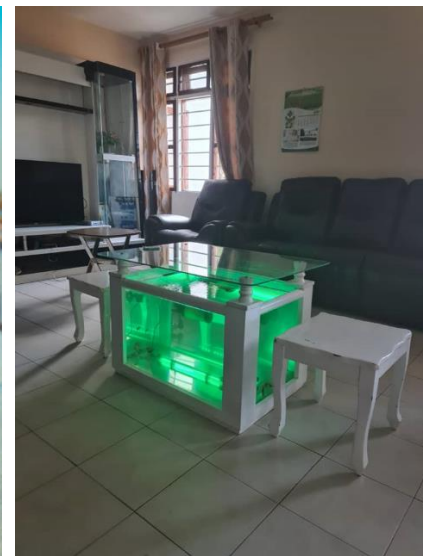
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Mr. Magoti Ernest currently pursuing Bachelor of Science in Aquaculture (3rd yr) at Sokoine University of Agriculture. Mr. Magoti had privilege of working with Tanzania Fisheries Research Institute (TAFIRI) at Shirati Sota, where he gained valuable knowledge in fish cage design, site selection, and cage management.

Apart from his study, he provides online and on-farm training in fish farming and good aquaculture practices. From his training, Mr. Magoti has successfully trained 23 farmers, two of whom are now ready to embark on their own fish farm projects. Small-scale fish farming allows farmers to engage in aquaculture alongside other agricultural activities, providing an additional source of income and food security. It can also create employment opportunities throughout the aquaculture value chain, including production, processing, distribution, and marketing.

Another area of his expertise is in designing various aquarium furniture's such as aquarium tables, showcases, and cupboards. He also specialized in selling ornamental fish and producing black soldier fly larvae, which serve as an alternative fish feed. Additionally, I have experience in designing aquaculture farms, and I am currently involved in designing a farm in Mkuranga. He managed to open an association known as Aquahome Service Organization which has the mission in promoting a sustainable development of aquaculture and build better relationship with various institutions through training, research and project development.



Mr. Magoti's passion lies in promoting sustainable aquaculture practices and sharing knowledge and expertise with others. From his experience in aquaculture farm production, designing aquarium furniture and farms, as well as fish cage management, I am well-equipped to contribute to the aquaculture industry and foster its growth in Tanzania. Fish is an important source of protein and essential nutrients for the population of Tanzania. Aquaculture can help meet this growing demand by supplementing wild fish stocks with sustainably produced farmed fish. The country's long coastline, numerous lakes, and extensive network of rivers and wetlands provide favorable conditions for the development of a thriving aquaculture industry.



Fish farming also allows for controlled production environments, enabling adaptation to changing climatic conditions and reducing dependence on natural fisheries. Investing in aquaculture infrastructure, such as fish hatcheries, nurseries, ponds, cages, and processing facilities, is crucial for supporting production, ensuring quality, and facilitating market access. Tanzania has the ability to harness the future potential of aquaculture, that can benefit rural communities and small scale farmer in contributing to food security, and promoting economic development.