**JONES MUMBO NYALIK | CURRICULUM VITAE**

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**SUMMARY STATEMENT**

Dynamic and results-oriented Aquatic Resources Conservation and Development professional with over 3 years of experience in research, data analysis, and environmental management. Proven ability to work under pressure, meet tight deadlines, and contribute to team success. Skilled in fish stock assessment, environmental impact training, and community awareness programs. Adept at applying technical knowledge to serve and advance organizational goals. Seeking to leverage expertise and commitment to environmental conservation in a challenging and growth-oriented role.

**CORE QUALIFICATIONS**

* Data Collection and Analysis
* Fish Stock Assessment
* Environmental Impact Training
* Technical Report Writing
* Fish Feed Formulation
* Water Quality Monitoring
* Noise and Radiation Monitoring
* Community Awareness Programs
* Mangrove Ecosystem Preservation Training

**WORK EXPERIENCE**

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| **March 2023 - Present** | **Victory Farms – Hatchery Technician** |

 **Roles:**

* Collecting tilapia eggs from brooders, separate egg developmental stages, weigh and load onto MIS (Mobile Incubation System) on site before being transported to the hatchery.
* Following Hatchery biosecurity protocol to ensure proper disinfection of eggs before they are placed in incubators according to their stages.
* Monitoring water quality through regular checks on temperature, dissolved oxygen to ensure that they are within the optimum ranges to avoid any stress.
* Maintaining optimum flow rates for different developmental stages of fry for best growth rates.
* Carry out parasitology tests to ascertain the prevalence of parasite in the system and coming up with informed measures to curb their attack on fry.
* Regular checks on the RAS (Recirculating Aquaculture System) to ensure water levels in the system tank are within the required limit for optimum pressure for best flowrates. Regular checks on heaters, UV and pumps to ensure they are working efficiently.
* Stocking fry to the pond once they attain the required average body weight. Proper acclimatization is conducted to ensure fry adjust to the pond condition prior to stocking.

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| **Jan 2022- Feb 2023 Victory Farms**  |  **Administrative Assistant**  |

* Organize and schedule appointments and meetings.
* Produce and distribute correspondence memos, letters, faxes, and forms
* Assist in the preparation of regularly scheduled reports
* Develop and maintain a filing system
* Submit and reconcile expense reports
* Provide general support to visitors and book travel arrangements.
* Provide information by answering questions and requests
* Prepare and monitor invoices including ordering office supplies.
* Develop administrative staff by providing information, educational opportunities, and experiential growth opportunities
* Ensure operation of equipment by completing preventive maintenance requirements, calling for repairs, maintaining equipment inventories, evaluating new equipment and techniques
* Maintain supplies inventory by checking stock to determine inventory level; anticipating needed supplies; placing and expediting orders for supplies; verifying receipt of supplies

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| **Jan 2021 – Dec 2021** | **Kenya Marine Fisheries Research Institute (Intern)** |

* Collected and analyzed data on fish stock assessment using various software tools, contributing to more accurate fishery management decisions.
* Identified different organisms from field samples, improving biodiversity records.
* Formulated fish feeds and managed fish ponds, increasing feed efficiency by 15%.
* Wrote technical reports and back-to-office reports post-fieldwork, streamlining communication within the research team.
* Conducted social assessment for protected areas, providing valuable insights into community perceptions and the impact of protected areas.
* Assisted in training on the impacts of protected areas on communities, enhancing community engagement and support.

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| **Jan – Apr 2018** | **Base Titanium (Environmental Monitoring Assistant)** |

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* Monitored water & dust quality, noise, and radiation levels, ensuring compliance with environmental regulations.
* Managed indigenous tree nursery propagation, supporting reforestation efforts and improving local biodiversity.
* Participated in rehabilitation and restoration programs, contributing to the recovery of degraded areas.

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| ***June – Aug 2016*** | ***Kisite Mpunguti Marine Park (Intern)*** |

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* Raised community awareness about marine protected areas, leading to increased local support for conservation efforts.
* Participated in strategic management adaptation and turtle rescue activities, enhancing conservation outcomes.

**EDUCATIONAL BACKGROUND**

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| 2013 - 2017 | **Bachelor of Science, Aquatic Resources Conservation & Development with IT**Maseno University, KenyaSecond class honors, Upper division |
| 2009 - 2012 | **High School KCSE Certificate**Miritini SecondarySchool, KenyaAverage Grade Point = B |
| 2001 - 2008 | **Primary School KCPE Certificate**Ndome Primary School, KenyaAverage Grade Point = B |

**INTERESTS AND HOBBIES.**

* Conserving the nature and maintaining its purity.
* Participate in outdoor activities including hiking, swimming and skiing.
* Enjoy taking photographs of new places I visit.

**REFEREES**

1. GEORGE OKUMU.

Senior Supervisor Hatchery & Ponds–Victory Farms.

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1. DAVID MBOYA

Senior Lecturer Department of Aquaculture Maseno University.

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1. MWINYI MWANDUNGO

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