

Adrian R. Ramirez
Raois Sto. Tomas La Union, Philippines

Email: rz.81ramirez@gmail.com

Mobile: +63 927 776 5471

Current Location: Raois, Sto. Tomas, La Union



SUMMARY

Aquaculture Technician with over 10 years of international experience in hatchery operations, live feed production, and Recirculating Aquaculture Systems (RAS). Demonstrated expertise in microalgae cultivation, broodstock management, and larval rearing across freshwater and marine species. Proven ability to optimize production, improve survival rates, and maintain water quality standards in large-scale aquaculture environments across Saudi Arabia, Kenya, Oman, and the Philippines.

KEY ACHIEVEMENTS

- Sustained **high-volume microalgae production** supporting continuous hatchery operations
- Improved **larval survival and growth rates** through optimized live feed systems
- Managed **multi-species aquaculture operations** (tilapia, catfish, abalone, sea cucumber, marine fish)
- Maintained strict **biosecurity and water quality compliance** in international facilities

CORE SKILLS

- Hatchery & Nursery Operations
- Microalgae Culture (*Nannochloropsis*, *Tetraselmis*, *Isochrysis*, *Chlorella*)
- Live Feed Production (*Rotifers*, *Artemia*)
- Recirculating Aquaculture Systems (RAS)
- Water Quality Monitoring (DO, pH, Ammonia, Temperature)
- Broodstock Management
- Data Monitoring & Production Optimization
- Equipment & System Maintenance
- Biosecurity & Fish Health Management

EDUCATION

Bachelor of Science in Fisheries

Mar 20, 2002

[Don Mariano Marcos Memorial State University- Institute of Fisheries](#)

Ubagan Sto. Tomas La Union, Philippines

THESIS TITLE: "Growth of Siganiid (*S.guttatus*) Fed with Commercial Feed and Filamentous Green Algae (*Chaetomorpha sp.*) in Floating Cages".

PROFESSIONAL EXPERIENCE

Algal Senior Technician

Feb 29, 2024 – Present

[RCSDF Fish RAS Hatchery](#) | Aramco Initiative for Marine Conservation & Sustainable Aquaculture

Abu Ali Island, Jubail, Saudi Arabia

- In charge in microalgae, culture, and harvesting (*Nannochloropsis oceanica* and *Tetraselmis suecica*) and live feed prep with Rotifers and Artemia for hatchery use.
- Monitor and maintain key culture parameters such as pH and temperature to ensure optimal algal growth conditions
- Assist in troubleshooting culture issues and implementing corrective measures to stabilize growth performance
- Collaborate with hatchery and production teams to synchronize algae supply for live feed operations

Technical Specialist – Hatchery Operations

Nov 20, 2021– Dec 21, 2023

[Meta Eco Limited](#)

Nairobi Kenya, East Africa

- Led broodstock breeding and selection programs for tilapia and catfish, ensuring genetic quality and reproductive performance
- Supervised hatchery and nursery operations, managing lifecycle stages from spawning to juvenile grow-out
- Monitored key water quality parameters including temperature, ammonia, and dissolved oxygen to maintain optimal rearing conditions
- Collected and analyzed production data (growth rates, survival rates, grading results) to inform management decisions and improve hatchery outcomes
- Implemented and maintained hatchery protocols to optimize health, biosecurity, and productivity of cultured species

Assistant Fish Farm Technician

Nov 15, 2019– Nov 19, 2021

[Green Valley Farms L. L. C](#)

Oman, Muscat

- Managed breeding, rearing, and grow-out operations for tilapia intended for wholesale and retail distribution
- Monitored and maintained fish habitats year-round, ensuring optimal environmental conditions
- Oversaw stock health and welfare, including size grading and transfer of fish to appropriate holding units
- Operated feeding systems manually and through automated machinery
- Conducted regular inspections of water temperature and dissolved oxygen levels to maintain water quality
- Maintained aquaculture infrastructure including buildings, tanks, and filtration systems
- Performed routine cleaning of filters and debris screens to support system efficiency
- Treated and conditioned water prior to recirculation to preserve aquatic health standards
- Executed harvesting operations and facilitated sales of fish to customers and trade buyers

Aquaculturist II

Jul 01, 2011– Oct 30, 2019

[Bureau of Fisheries and Aquatic Resources Regional 1](#)

Lucap, Alaminos City, Pangasinan, Philippines

- Produced live feed cultures of phytoplankton and zooplankton (Rotifer, Artemia) for hatchery use
- Led abalone hatchery operations, managing spawning and larval care
- Cultured microalgae species for feed production, including *Chlorella*, *Chaetoceros*, *Isochrysis*, and benthic diatoms
- Assisted in larval rearing of *Siganus guttatus*, supporting survival and growth
- Helped manage mangrove crab hatchery, focusing on broodstock and larval stages
- Monitored salinity, temperature, and oxygen levels to maintain water quality

[Bureau of Fisheries and Aquatic Resources Regional 1](#)

Lucap, Alaminos City, Pangasinan, Philippines

- Assist in the production of Sea Cucumber (*Holothuria scabra*).
- Culture brown algae and benthic diatoms such:
 - *Chaetoceros calcitrans*
 - *Isochrysis galbana*
 - *Navicula sp.*
 - *Amphora sp.*
- Painted corrugated plates with *Spirulina* for attachment of newly hatched larvae of Sea Cucumber.
- Monitoring of water parameters (Temperature, pH, D.O).

Farm Technician

March 01, 2018–Apr 30, 2019

GDT Agro Integrated Farm

Rosales, Pangasinan, Philippines

- Supported catfish breeding and spawning activities, ensuring healthy broodstock performance
- Monitored larval rearing conditions to optimize growth, survival, and early-stage development
- Cultivated and maintained *Artemia* cultures as part of live feed preparation for hatchery operations

TRAINING AND SEMINARS

- [Recent Technologist – Bio-Secured Grow-Out Culture of *Penaeus vannamei*](#) Dec 6–8, 2016
- [National Training Course on Freshwater Multi-Species Hatchery and Grow-Out](#) Jul 27–31, 2015
- [Algal Research and Commercialization Symposium \(PPSI\)](#) Jun 26–27, 2015
- [Soft-Shell Crabs Production and Management](#) Feb 7–10, 2014
- [Marine Mammal Stranding Response Training-Workshop](#) Feb 7–10, 2014
- [National Certificate II in Aquaculture](#) Feb 25, 2013
- [Advances in Brackish water Aquaculture Training](#) Sep 26–28, 2011
- [Tilapia Hatchery Managers Orientation and Technology Update \(2nd Batch\)](#) Oct 5–8, 2010
- [Advanced Freshwater Aquaculture Technologies OJT](#) Feb 2–Mar 4, 2005
- [Spiny Lobster & Siganiid/Grouper Broodstock Development OJT](#) Apr 2 – Aug 4, 2011

CHARACTER REFERENCE

Ms. Milagros Apaga

Senior Aquaculturist
BFAF-NFTC

CLSU Compound, Munoz City, Philippines

Mrs. Antonieta D. Evangelista

Senior Aquaculturist
BFAR-RFO1

Sevilla, San Fernando City, La Union, Philippines
+639054852669

Mr. Fernandez Fernandez

Farm Manager Fresh Catch Limited Kenya
East Africa Largest Inland Farm
+254 759756080

Mr. Adrian Ramirez

Applicant

I hereby certify that the above information is true and correct to the best of my knowledge and ability.

CERTIFICATES

Don Mariano Marcos Memorial State University
LA UNION, PHILIPPINES



To All Men To Whom These Presents May Come,
GREETINGS

Be it known that the President of the University by authority of the Board of Regents and on recommendation of the University Academic Council has conferred upon

Adrian R. Ramirez

who has fulfilled all the requirements therefore, this Degree of
Bachelor of Science in Fisheries - Major: Inland Fisheries

with all the rights, honors and privileges as well as the obligations and responsibilities thereunto appertaining.

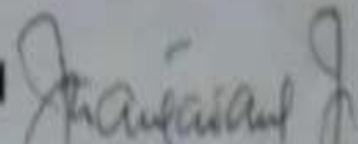
In testimony whereof, the seal of the State University and the signatures of the University President, the Board Secretary and the Chancellor of the South La Union Campus are herewith affixed.

Signed at Bacnotan, La Union, Philippines, this 20th day of March in the year of our Lord two thousand two.




ROGELIO C. VILLANUEVA
University Board Secretary


ERNESTO R. GAPASIN
University President


INOCENCIO B. MANGAANG, JR.
Chancellor



Department of Agriculture
Bureau of Fisheries and Aquatic Resources
NATIONAL INTEGRATED FISHERIES TECHNOLOGY DEVELOPMENT CENTER
ASIAN FISHERIES ACADEMY
Bonuan Binloc, Dagupan City



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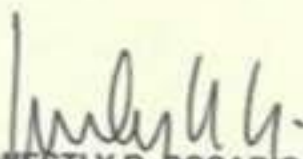
Certificate of Participation

presented to

Adrian R. Ramirez

*for active participation and completing the training program on
"Recent Technologies on the Bio-Secured
Grow-out Culture of Penaeus vannamei"
conducted at Bureau of Fisheries and Aquatic Resources -
National Integrated Fisheries Technology Development Center
Asian Fisheries Academy, Bonuan Binloc, Dagupan City
on December 6 - 8, 2016.*

Given this 8th day of December 2016.


WESTLY R. ROSARIO, DrFT
Center Chief, BFAR-NIFTDC



Republic of the Philippines
DEPARTMENT OF AGRICULTURE
BUREAU OF FISHERIES AND AQUATIC RESOURCES
Regional Fisheries Office No. I
Government Center, Juvilla, San Fernando City, La Union 2300
Telefax: (072) 242-15-59 Tel. No.: (072) 407-3113
Email: bfarfo1_records@bfar.dag.gov.ph / bfarfo1_records@yahoo.com
Help Stop Illegal Fishing! Report to Bantay Dagat Hotline:
SMART: 0915-996-1078



Certificate Number: SCUK004568Q

CERTIFICATION

TO WHOM IT MAY CONCERN:

This is to certify that **MR. ADRIAN R. RAMIREZ**, has been contracted by the Bureau of Fisheries and Aquatic Resources, Regional Fisheries Office No. I (BFAR RFO-I) to wit:

POSITION	PERIOD
Aquacultural Technician II (Contract of Service))	July 1, 2011 to December 31, 2011
	January 2, 2012 to December 31, 2012
	January 7, 2013 to December 31, 2013
	January 13, 2014 to December 31, 2014
	January 12, 2015 to December 31, 2015
	January 6, 2016 to December 31, 2016
	January 3, 2017 to December 31, 2017
	January 3, 2018 to December 31, 2018
	January 3, 2019 to October 30, 2019

This certification is issued upon the request of the above named person for employment purposes.

Issued this 17th day of March 2023, City of San Fernando, La Union.


ATTY. GIRLY G. DELA PEÑA
OIC, Finance and Administrative Section/
Human Resource Management Unit

Not Valid Without Official Seal
Certification No. 2023-03-50

A food-secure Philippines
with prosperous farmers and fisherfolk





Department of Agriculture
Bureau of Fisheries and Aquatic Resources
NATIONAL INTEGRATED FISHERIES TECHNOLOGY DEVELOPMENT CENTER
ASIAN FISHERIES ACADEMY
Bonuan Binloc, Dagupan City

This

Certificate of Participation

presented to

Adrian R. Ramirez

*for having actively participating in the
"Training on Advances in
Brackishwater Aquaculture"
on September 26-28, 2012.*

*Given this 28th day of September 2012
at JDV Hall, Asian Fisheries Academy
BFAR-NIFTDC Cmpd., Bonuan Binloc,
Dagupan City, Philippines*


WESTLY R. ROSARIO, DrFT
Center Chief, BFAR-NIFTDC





Republic of the Philippines
DEPARTMENT OF AGRICULTURE
BUREAU OF FISHERIES AND AQUATIC RESOURCES
Regional Fisheries Office No. 1
San Fernando City



Certificate of Attendance

This is to certify that

ADRIAN R. RAMIREZ

*has completed the 800 hrs. On-the-Job Training (OJT) on Research
of Spiny Lobster and Broodstock Development
of Siganid and Grouper from April 2, 2001 to August 4, 2001
held at BFAR-RFRDC, Lucap, Alaminos, Pangasinan*

Given this 4th day of August, 2001.


NESTOR D. DOMENDEN, CESO V
Regional Director





Republic of the Philippines
Department of Agriculture
BUREAU OF FISHERIES AND AQUATIC RESOURCES
National Inland Fisheries Technology Center

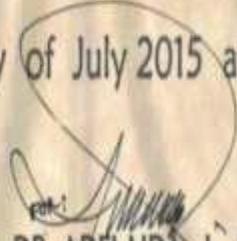
Certificate of Attendance

is awarded to

ADRIAN R. RAMIREZ

For having attended the National Training Course on Freshwater Multi-Species Hatchery and Grow-Out Culture System held at the Bureau of Fisheries and Aquatic Resources-National Inland Fisheries Technology Center, Tanay, Rizal from July 27-31, 2015.

Given this 31st day of July 2015 at Tanay, Rizal Philippines.


DR. ADELAIDA L. PALMA
Agricultural Center Chief IV



Republic of the Philippines
Department of Agriculture
Bureau of Fisheries and Aquatic Resources
National Freshwater Fisheries Technology Center

Awards this

CERTIFICATE OF ATTENDANCE

ADRIAN R. RAMIREZ

for having satisfactorily completed the

On-The-Job Training on Advanced Freshwater Aquaculture Technologies

held on February 2-March 4, 2005 at BFAR National Freshwater Fisheries Technology Center,
CLSU Compound, Science City of Mutao, Nueva Ecija, Philippines

Given this 4th day of March 2005.

LILIBETH B. AFAN
Head, Aquaculture Training Unit

MELCHOR M. TAYAMEN
Center Chief IV



Republic of the Philippines
Department of Labor and Employment
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

NATIONAL CERTIFICATE II

in

AQUACULTURE

is awarded to

ADRIAN R. RAMIREZ

for having completed the competency requirements under the Philippine TVET Qualification and Certification System in the following units of competency:

500311105	Participate in workplace communication	AGR321203	Perform estimation and calculations
500311106	Work in a team environment	AGR541301	Conduct pre-operations aquaculture activities
500311107	Practice career professionalism	AGR541302	Prepare and maintain aquaculture facilities
500311108	Practice occupational health and safety procedures	AGR541303	Operate fish nursery
AGR321201	Apply safety measures in farm operations	AGR541304	Perform fish or shrimp grow-out operations
AGR321202	Use farm tools and equipment		

Signature of the certificate holder
Certificate No. **13010402002351**

Issued on : **February 25, 2013**
Valid until: **February 25, 2018**


EMMANUEL JOEL J. VILLANUEVA
Director General



CLN-NQ-1658421



Republic of the Philippines
Department of Agriculture

BUREAU OF FISHERIES AND AQUATIC RESOURCES
National Brackishwater Fisheries Technology Center
Sitio Iringan, Brgy. Palsabangon, Pagbilao, Quezon



Awards this

Certificate of Training

to

Adrian R. Ramirez

for successfully completing the

**TRAINING ON SOFT-SHELLED CRAB PRODUCTION
AND MANAGEMENT**

held at the National Brackishwater Fisheries Technology Center
Pagbilao, Quezon

from February 11-17, 2015

given this 17th day of February 2015

ROMEO E. DIETA, Ph.D.
Chief, NBFTC Pagbilao



Regional Office No. 1
San Fernando City (La Union)

awards this

CERTIFICATE OF COMPLETION

to

ADRIAN R. RAMIREZ

for successfully completing the requirements of the

GENDER SENSITIVITY TRAINING (GST)

*conducted by the Civil Service Commission
Regional Office No. 1 (CSCRO1)
at the Gabriela Silang Hall, CSCRO1 Training Center,
City of San Fernando, La Union*

**On June 1, 2017
for eight (8) training hours.**

*Issued this 1st day of June 2017,
City of San Fernando, La Union.*

A handwritten signature in black ink, appearing to read 'Hedy Jose B. Lardizabal', is positioned above the printed name.

HEDY JOSE B. LARDIZABAL
Acting Director IV



presents this

Certificate

to

Adrian R. Ramirez

for completing the Marine Mammal Stranding Response Hands-on
Workshop held at Ocean Adventure on February 9, 2014.


Lemnel V. Aragon, PhD
President / Associate Professor
PMMSN Inc. / UP-IESM


Bianca G. Espinos
Executive Director
WIN Foundation Inc.


Carlo G. Magno
Sr. Director
Ocean Adventure, SBMEI



BUREAU OF FISHERIES AND AQUATIC RESOURCES
REGIONAL FISHERIES OFFICE 1
GOVERNMENT CENTER, SEVILLA,
CITY OF SAN FERNANDO, LA UNION

This

CERTIFICATE OF RECOGNITION

is hereby given to

Adrian R. Ramirez

for his / her

OUTSTANDING PERFORMANCE

therefore contributing to the achievement of BFAR RFO 1's targets, and successful implementation of programs and projects

for **CY 2018.**

Given this 21st day of December 2018, at

SR Paradise Resort, Pagdalagan, San Fernando City, La Union.

Crigney
Lilibeth L. Signey, Ph.D., CESO V
Regional Director, BFAR - RFO 1 *ffs*



PHILIPPINE PHYCOLOGICAL SOCIETY, INC.

awards this

Certificate of Participation

to

ADRIAN RAMIREZ

for participating in the 6th National Symposium and Scientific Meeting of the Philippine Phycological Society, Inc. (PPSI) with the theme "Enhancing Regional Capability for Algal Research and Commercialization" on June 26-27, 2015 at the University Training Center, Mariano Marcos State University (MMSU).

Given this 27th day of June, 2015 at MMSU in the City of Batac, Ilocos Norte.

Susana F. Baldia
President, PPSI

Nerissa K. Torreta
Secretary, PPSI

22 January 2024

CERTIFICATE OF EMPLOYMENT

To whom it may concern:

This letter serves as certification that Mr. Adrian Ramirez Ramirez has been employed with Meta Eco Limited from November 20, 2021 to 22 January 2024 holding the position of Technical Specialist with Kes 128,428 (Kenyan Shillings One Hundred Twenty Eight Thousand Four Hundred Twenty Eight) as compensation.

This Certification is being issued upon his request for whatever legal purpose it may serve them.

Thank you.

HR/Administration Manager

Meta Eco Limited
PO BOX 1462-00606
Nairobi, KENYA
TEL: +254724835026

META ECO LIMITED
P.O. Box 1462 - 00606
SARIT CENTRE



Republic of the Philippines
Department of Agriculture
BUREAU OF FISHERIES AND AQUATIC RESOURCES
Regional Fisheries Office No. 1
City of San Fernando, La Union

CERTIFICATE OF PARTICIPATION

is awarded to

ADRIAN R. RAMIREZ

for his active participation in the
**Marine Mammal Stranding Response
Training-Workshop** held at BFAR-RMaTDeC,
Lucap, City of Alaminos, Pangasinan
on February 7-10, 2014.

Given this 10th day of February, 2014
at City of Alaminos, Pangasinan

NESTOR D. DOMENDEN, CESO V
Regional Director



Republic of the Philippines
Department of Agriculture
BUREAU OF FISHERIES AND AQUATIC RESOURCES
Regional Fisheries Office No. 1
City of San Fernando, La Union

CERTIFICATE OF PARTICIPATION

is awarded to

ADRIAN R. RAMIREZ

for his active participation in the
**Marine Mammal Stranding Response
Training-Workshop** held at BFAR-RMaTDeC,
Lucap, City of Alaminos, Pangasinan
on February 7-10, 2014.

Given this 10th day of February, 2014
at City of Alaminos, Pangasinan


NESTOR D. DOMENDEN, CESO V
Regional Director



BUREAU OF FISHERIES AND AQUATIC RESOURCES
REGIONAL FISHERIES OFFICE 1
GOVERNMENT CENTER, SEVILLA,
CITY OF SAN FERNANDO, LA UNION

This

CERTIFICATE OF RECOGNITION

is hereby given to

Adrian R. Ramirez

for his / her

OUTSTANDING PERFORMANCE

for his / her contribution to the achievement of BFAR RFO I's targets, and successful implementation of programs and projects

for **CY 2018.**

Given this 24th day of December 2018, at

SR Paradise Resort, Pagdalayan, San Fernando City, La Union.

Enrique
Lilbeth L. Signey, Ph.D., CESO V
Regional Director, BFAR - RFO I *HS*