



Jaidan De La Torre

PROFILE.

A highly skilled and dedicated Engineer with 20 years of experience in the development, construction, and maintenance of shrimp farm projects. Throughout my career, I have successfully managed the design and construction of state-of-the-art facilities, including maturation and larval rearing buildings, grow-out ponds, and processing facilities. My expertise extends to overseeing civil and mechanical works, ensuring compliance with industry standards and regulations.

With a strong background in shrimp farm project development, I have an in-depth understanding of the entire production cycle. From overseeing the construction of facilities to implementing efficient production techniques, I have consistently delivered exceptional results. My expertise includes developing and implementing standard operating procedures (SOPs) to enhance productivity, minimize waste, and maintain stringent quality standards.

Additionally, I possess a comprehensive knowledge of lean manufacturing principles, allowing me to streamline production processes, reduce costs, and enhance overall operational efficiency. I am highly experienced in ensuring compliance with food safety and hygiene regulations, conducting regular inspections, and implementing corrective actions to maintain a safe and high-quality production environment.

In addition to my technical expertise, I am proficient in utilizing engineering software for design and analysis purposes, and I am well-versed in troubleshooting technical issues related to equipment and infrastructure. I am committed to continuous learning and staying updated with the latest advancements in the industry.

If you are seeking a dedicated and results-oriented professional to contribute to your company's growth and success in the aquaculture

EDUCATION

Instituto Politécnica Santiago Mariño

Mechanical Engineer degree year 1.999

MIT Mastering design Thinking Post grade Executive Program 2019
8 months

EXPERIENCIA PROFESIONAL

Fisheries Development Oman (FDO) Subsidiary of Oman Investment Authority.

Project Manager.

Feb. 2022–to date.

Responsible for creating a sustainable project for the farming of *Litopenaeus vannamei* shrimp in the Al Wusta governorate on the coast of Oman. We were able to design an intensive management project in one-hectare pools. It is an integrated project that involves maturation, larviculture, production ponds, and a processing plant, with an estimated annual production of 23,000 tons.

Construction set to start on Q2 2024.

Lamar Group (Venezuela) Engineering Consultant

Nov. 2021– Jan. 2022

Design of a semi-automatic system for food distribution at "Las Camelias" farm.

Conceptual design of a processing plant including an area for cooking live animals.

Proposal for super-intensive culture by using 1,200 m² lined round tanks.

Saudi Fisheries Company. Alamask Group Saudi Arabia Engineering Consultant

March 2021–Oct. 2021

A semi-automatic processing plant was designed with a processing capacity of 30 tons/day for whole HOSO, IQF, and peeled shrimp. Additionally, a line for freezing whole fish was also designed.

National Aquaculture Group (NAQUA) Arabia Saudita Project Manager

March 2014 – March 2021.

Develop new Civil Construction /mechanical projects such as:

Two years developing and operating, US\$ 50 million (2017, 2018), design of shrimp processing plant with 750 tons a day processing capacity, refrigeration, freezers, packing, and cold stores.

Refrigeration process by mean of brine freezers, gas nitrogen freezers, immersion on liquid Nitrogen, and impingement freezers.

Processing for different customers with:

SIQF packed in 10 and 12 kg boxes with plastic bags in automatic process

Product in carton boxes 0.5 Kg; 1Kg; and 2 Kg

Live cooked product production, product preparation by developing color in especial retention ponds, cleaning live product, packing in 1 Kg carton boxes and frozen by means of gas Nitrogen/brine.

Live frozen product production, packed on IQF 10 -12 Kg, and individual cartons in 2Kg.

Modified Atmosphere Packing (MAP) for local customers; and currently developing a value-added peeling product.

sector, I am confident that my skills and experience make me an ideal candidate.

PERSONAL DATA:

Birth date. 19-05-1969.

Age: 54 y.o.

Nationality: Spanish Venezuelan.

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Upgrading project for packing automation (2019, 2020 US\$ 30 million), developing automatic lids applicators, Automatic master carton assembling, and automatic palletizing.

Increasing cold store capacity to 10,000.00 tons by using Automatic mobile racks.

Construction of a Gel Ice plant with 850 daily tons capacity.

Develop engineering solutions to accomplish production plan in 2018 of 62,000 MT, already carried out.

130 three phase system pre-grow out ponds, 0.5 Ha. each with central drains, water filtration and water pumps systems.

Massive Ozone Generator plants, installation, and maintenance.

Design for a new maturation building.

Design for a new Larvae rearing building and microalgae facility.

Water Management

Installation of sea water pump stations @ 200m³/sec flow rate.

Hydraulics

Verify and approve engineering design.

Evaluate cost and implementation

Testing and commissioning.

Maintenance program execution in all the equipment in the company, power plants, drainage, and water intake pumps station.

BMR industries Chennai India

Engineering Consultant.

April 2018 – Nov. 2018

Design and manufacture of architectural plans, engineering drawings for buildings and support systems (electrical drawings and plumbing systems, air, and water lines)

Buildings for rearing and holding of the breeders (the maturation units)

Buildings to produce the post larvae Phase 1 units with all required support structures to produce microalgae.

Buildings for storing natural food (Artemia) and for the last rearing phase of post Larvae and harvesting & packing units – Phase 2 Larvae culture units

Infrastructure to produce the treated seawater required for different Phases of the Shrimp larvae culture process, including design for Wastewater processing facility to treat all the discharged water, prior to release into the Sea.

Araya Sea Farms Venezuela

Engineering Consultant

March 2016 – Aug. 2016

Design of US\$ 30 million intensive shrimp project:

Project design for an intensive shrimp farm project in the Araya peninsula in Vz.

Ponds, canals, and water supply design

Maturation and Larvae rearing facilities design.

Water management and filtration systems design.

Ferrostaal Venezuela

Project Manager

July 2010 – May. 2012

Foundations and metal erection construction carried out in Bachaquero (Venezuela) combined cycle power plants US\$ 500MM project (750MW)

Description: Supervising construction of foundations for generators, gas turbines, electrical transformers, boilers, and steam turbines pipe racks, turbine filters supports and erection, smokestack erection, in a combined cycle power plant developed in Bachaquero, Venezuela. Check

technical data, fulfill standards requirements, Verify fulfilling construction schedule, Work evaluations.

Arabian Shrimp Company Saudi Arabia

Project Manager

Oct. 2005 –Nov. 2008

Project Development Senior Manager. Supervising, coordinating, controlling all bidding processes related with third parties and the administration of contracts. To Check and approve all documents and plans of a Shrimp project in the Saudi Arabia peninsula.

Description: Engineering proposals for **Water Management** (80 cubic meter per second), laboratory, nursery and hatchery buildings, electric generation supply for the entire project by means of construction of medium power plants, construction of channels to supply and drain large masses of water, control level structures building, and sea Jetties, design of shrimp processing plant. Estimated project cost US\$ 90M
Work execution planning and control of execution.

Buildings and equipment maintenance, such as, power generators, water pumps, and heavy-duty earth movement equipment,

Intersea Farms De Venezuela

Project Manager

Jan 2001–July 2005

Description: Development of engineering proposals, to build a extensive shrimp project in the northern area of Venezuelan gulf; Feasibility studies, Water Management, bidding processes, administration of contracts, Planning and Control of works execution, Financial and Physical control, processing plants, environmental impact studies,

Maintenance area: maintenance of rotary equipment, marine dredges, construction, and maintenance of large sea water pumps (30 meters cubic / sec) inspection and control of heavy earth movement equipment, construction, and maintenance of sea jetties.

SKILLS

Project management: analysis and solution of complex problems in the project environment.

Leadership and teamwork with multidisciplinary teams, including architects, contractors, and subcontractors.

Shrimp Farming:

Shrimp farm project development

Water management and quality control

Disease prevention and management

Production process optimization

Feed management and nutrition

Project Management:

Project planning and execution

Budgeting and resource allocation

Timeline and milestone management

Risk assessment and mitigation

Permitting and regulatory compliance.

Production Process:

Standard operating procedure (SOP) development

Lean manufacturing principles

Yield optimization

Quality control and assurance

Production data analysis

Team Leadership and Collaboration:

- Cross-functional team management
- Effective communication and interpersonal skills
- Motivating and inspiring team members
- Stakeholder management
- Training and development

Regulatory Compliance:

- Knowledge of industry standards and regulations
- Permitting and approval processes
- Food safety and hygiene regulations
- Environmental sustainability practices

Analytical and Problem-Solving Skills:

- Data-driven decision-making
- Root cause analysis
- Continuous improvement methodologies
- Critical thinking and problem-solving
- Adaptability and flexibility
- Software: Autocad, Fusion 360, MS project, Office.
- Languages: Spanish - English

PERSONAL REFERENCES.

Mr. Riccardo Delfini - Delta Pumps (Ecuador) rdelfini@deltadelfini.com
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