



MOHAMAD AYIP FIRMANSYAH

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I am experienced in quality assurance and quality control QA/QC, also proficient in research and development. I have strong analytical skills and strategic thinking. I have a growth mindset and am able to work with teams to collaborate in impactful business sectors. I have good leadership, communication, and problem solving skills. Looking for opportunities to develop my skills and I enjoy learning new things on an ongoing basis.

Education

Universitas Sultan Ageng Tirtayasa - Serang, Indonesia

Jun 2017 - Jul 2021

Bachelor Degree in Fisheries Science, 3.75 / 4.00

- Granted as Kartu Indonesia Pintar Awardee (2017 - 2021)
- Assistant Lecturer for Statistics (2019 - 2020)
- Assistant Lecturer for Experimental Design (2020)
- Assistant Lecturer for Limnology (2020)
- Assistant Lecturer for Fish Health Management (2020)

Universitas Gadjah Mada - Yogyakarta, Indonesia

Jul 2021

Certificate in International Conference and Publication

- Presenter in International Symposium on Marine and Fisheries Research
- Publication of a Journal Paper on International IOP Conference

Experiences

eFishery (PT. Multidaya Teknologi Nusantara) - Bandung, Indonesia.

Oct 2022 - Present

Quality Improvement Firstmile

- Succeeded in reducing the commodity reject rate, thereby increasing the company's margin.
- Monitor, ensure and control the quality management of fish originating from farmers and suppliers with company quality standards.
- Educated farmers or suppliers regarding the quality of the product (fish) to be sold.
- Educated and evaluated logistics and warehouse teams regarding good freight and transportation management systems for products.
- Help control and implement a quality standard system consistently in handling and reducing the level of commodity rejection among farmers and related teams within the company.
- Handled and managed fishery commodities for area Banten, Lampung and West Java.

Aruna Indonesia (PT. Jaring Aruna Dagang Indonesia) - Jakarta, Indonesia.

Sep 2021 - Oct 2022

Quality Control Specialist

- Succeeded certified at the Site Plant in CPIB/CKIB and HACCP standards.
- Monitor and control the quality management system which includes the quality control system and product safety with the company's quality standards.
- Helped control and evaluate the implementation of the quality standard system consistently to handle and reduce reject rate product commodity.
- Ensure and make reports to analyze related to reject, waste staging, and outbound data.
- Created document GMP, SSOP, and HACCP and document CPIB/CKIB manual procedure.
- Handled and managed fishery commodities such as shrimp, crab, demersal fish, octopus and other high value fish for export.
- Prepared and created documents for fish export and quarantine for the airport.

DKI Jakarta Department of Food, Maritime and Agriculture Security – Jakarta.

Jan 2021 - Feb 2021

Aquaculture Technician

- Full responsibility for spawning, hatchery and facilities for fish commodities.
- Helped check feed stocks and make reports on fish shipments to the public or agencies in the DKI Jakarta area.
- Packing and sorting fish quality for customers

Aquaculture Laboratory of Universitas Sultan Ageng Tirtayasa – Serang <i>Laboratory Assistant</i>	Feb 2019 - Dec 2020
• Full responsibility for laboratory equipment and the use and licensing of laboratory use. • Assisting lecturers in assisting courses in aquaculture study programs. • Guiding and training and assessing practitioners during and after practicum.	
Aquatic Resources Management Laboratory of UNTIRTA - Indonesia <i>Laboratory Assistant</i>	Jul 2019 - Dec 2020
• Full responsibility for laboratory equipment and the use and licensing of laboratory use. • Assisting lecturers in assisting courses in Aquatic Resources Management study programs. • Guiding and training and assessing practitioners during and after practicum.	
UNTIRTA TV - Serang, Indonesia <i>Camera Person & Editor</i>	Oct 2019 - Nov 2020
• Perform technical visual recording according to the direction of the photography director, both in terms of composition, shooting angle, camera movement with all the changes. • Analyzing the mood of the screenplay and the director's concept. Preparing and maintaining camera equipment and supporting facilities • Edited video and photo for publication.	

Organizational Experiences

Mata Air Banten - Banten, Indonesia <i>Development & Research Division</i>	Nov 2020 - Present
Mahasiswa (UKM) Kewirausahaan - Universitas Sultan Ageng Tirtayasa <i>General Treasure</i>	Feb 2020 - Feb 2021
Himpunan Mahasiswa Perikanan Indonesia (HIMAPIKANI) Region II - Indonesia <i>Information and Communication</i>	Sep 2017 - Nov 2018
Himpunan Mahasiswa Perikanan (HIMAPI) - Universitas Sultan Ageng Tirtayasa <i>Information and Communication Division</i>	Sep 2017 - Nov 2018

Skills, Training, and Certifications

eFishery Aquaculture Training	2024
• Introduction Fish Farming in Indonesia. • Fundamental Feeding and Nutrition in Fish Farming	
Calibration Management and Evaluation of Measuring Equipment Awareness Training	2022
• Metrology in science, industry, and legal. The difference between Calibration and Terra. • Calibration method and principle. Traceability and measurement. Correction and measurement uncertainty. Calibration certification. Calibration interval setting.	
Quality Assurance and Quality Control in Industry	2022
• The difference between quality assurance and quality control • 7 tools quality control and problem solving	
Food Quality Assurance and Quality Control Management	2022
• Food Quality and Safety Concept, Quality Control Process (In-coming, In-process, Out-going) • Food Quality and Safety Management System (ISO 9001:2015 and ISO 22000:2018)	
Hazard Analysis Critical Control Point (HACCP) Practices	2022
• Definition, Advantages and Updates of Changes to The HACCP System in Codex General Principles of Food Hygiene CXC 1-1996 Rev.2020 • Implementation of the 7 Principles and 12 Steps of HACCP	
Cara Karantina Ikan yang Baik (CKIB) di Instalasi Karantina Ikan (IKI)	2022
• Implementation of Permen KP Number 9/PERMEN-KP/2019 about Fish Quarantine Installation • Technical and administrative requirements for CPIB or CKIB certification at Fish Quarantine Installations	
Good Manufacturing Practices (GMP) dan Sanitation Standard Operating Procedure (SSOP) Practices	2022
• Update changes in the Codex General Principles of Food Hygiene CXC 1-1996 Rev.2020 • Application of GMP/GHP and SSOP principles and guidelines in industry in the food chain	

Achievements & Other Experiences

Scientific Publications

- 2022: First author publication of a journal paper on the **Jurnal Sumberdaya Akuatik Indopasifik**: <https://ejournalfpikunipa.ac.id/index.php/JSAl/article/view/191>
- 2021: First author publication of a journal paper on the **International IOP Conference Series: Earth and Environmental Sciences**: <https://iopscience.iop.org/article/10.1088/1755-1315/919/1/012062>
- 2021: First author publication of a journal paper on the **Journal Iktiologi Indonesia**: <https://jurnal-iktiologi.org/index.php/jii/article/view/589>

Achievements

- 2021: Passed on **Kemah Budaya Kaum Muda (KBKM)** organizer by the Kementerian Pendidikan dan Kebudayaan Republik Indonesia.
- 2020: Passed on **Program Kreativitas Mahasiswa (PKM)** for category Riset Eksakta, organizer by the Direktorat Jenderal Perguruan Tinggi (DIKTI) Republic of Indonesia.
- 2020: Best Winner - **Banten Tourism and Beauty Exploration Photography Competition** KKN UNTIRTA
- 2017: 1st - **National Agricultural Photography Competition** organizer by the BEM Faculty of Agriculture UNTIRTA

Workshops

- 2021: **Digital Logistic & Supply Chain Financing**. Recognition by the Lembaga Pengembangan Dan Konsultasi Nasional (LPKN).
- 2020: **Pelatihan Pengadaan Barang dan Jasa – Sistem Informasi Kinerja Penyedia (SIKAP)**. Recognition by the Lembaga Pengembangan Dan Konsultasi Nasional (LPKN).

Scientific Projects

- 2021 - Present: **Adriancthidæ Fish Breeding**.
- 2021 - Present: **Ekspedisi Riset Akuatik (ERA) Indonesia**.