



# MICHAEL ANDERSON

## Senior Aquaculture Engineer

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### SUMMARY

Distinguished RAS Aquaculture Specialist with an extensive background in recirculating aquaculture systems and sustainable fish farming practices. Demonstrated expertise in optimizing production efficiency while ensuring compliance with environmental regulations. Adept at integrating innovative technologies to enhance operational performance and fish health management. Proven track record in project management, leading cross-functional teams to achieve strategic objectives.

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### WORK EXPERIENCE

#### Senior Aquaculture Engineer Aquafarm Innovations

Jan 2023 - Present

- Designed and implemented state-of-the-art RAS technology for tilapia production.
- Conducted comprehensive water quality assessments and developed management protocols.
- Collaborated with multidisciplinary teams to enhance system efficiencies.
- Managed budgets exceeding \$1 million for aquaculture projects.
- Oversaw training programs for staff on best aquaculture practices.
- Analyzed production data to drive decision-making and operational improvements.

#### Aquaculture Consultant Sustainable Fisheries Solutions

Jan 2020 - Dec 2022

- Advised on the design and optimization of RAS facilities for various fish species.
  - Developed comprehensive biosecurity protocols to mitigate disease risks.
  - Provided technical support for clients in system troubleshooting and optimization.
  - Conducted market analysis to identify growth opportunities in aquaculture.
  - Facilitated workshops on sustainable aquaculture practices for stakeholders.
  - Published research findings in peer-reviewed aquaculture journals.
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### EDUCATION

#### Master of Science in Aquaculture, University of Fisheries, 2014

Sep 2019 - Oct 2020

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### ADDITIONAL INFORMATION

- **Technical Skills:** RAS design, water quality management, project management, budget oversight, staff training, biosecurity protocols
- **Awards/Activities:** Increased fish production efficiency by 30% through system redesign.
- **Awards/Activities:** Recognized as 'Aquaculture Innovator of the Year' in 2021.
- **Awards/Activities:** Successfully secured \$500,000 in funding for research into sustainable aquaculture practices.
- **Languages:** English, Spanish, French