

# Johne Nicho Macalalad

Electrical Engineer | Automation Systems |  
Operations & Maintenance |  
Value Engineering | Project Management



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## About Me

I am eager to bring my passion for innovation and my multifaceted skill set to contribute to the continued success of your organization. I am confident that my comprehensive understanding of automation systems, hands-on operational experience, value engineering expertise, and project management acumen will make me a valuable asset to your team.

## Work Experience



### Engineer

**Interexim Co., Ltd.**, working on-site at Taiwan Semiconductor Manufacturing Company Ltd. Fab18 through Interexim Co., Ltd., under Daifuku, a company that provide customers worldwide with optimal and best solutions to enhance their global competitiveness, as a comprehensive material handling system manufacturer and integrator.

**January 2023 to November 2023**

- Closely follow systems installation from day-to-day, addressing and resolving issues to ensure customer satisfaction and a fully functional system.
- Gather feedback and establish programs, improvements and standardization of equipment installation and maintenance processes and methods.
- Commission equipment and provide all necessary adjustments deemed by customer requirements.
- Complies with standard operating procedures and safety protocols according to Environmental, Health, Safety & Security inside the cleanroom environment as defined by both Taiwan Semiconductor Manufacturing Company Ltd. and Taiwan Daifuku Ltd.
- Ensures full adherence to 6S (Sort, Set in Order, Shine, Standardize, Sustain, Safety) practices at all times.



### Utilities Engineer

**The Purefoods-Hormel Company Inc.**, a subsidiary of San Miguel Corporation the largest food and beverage company in the Philippines and joint venture with Hormel Foods.

**March 2021 to December 2022**

- Defines and designs electrical requirements (power generation distribution, transmission systems, motors and controls lighting system, etc.) in accordance with engineering standards and practices. Reads and interprets electrical plans. Conducts analysis and computations related to plant equipment (electrical equipment capacity, transformer capacity, motor brand circuit sizing, cable sizing, sub-station capacity, motor control center design, etc.) sizing using fundamental engineering principles.
- Performs SAP transactions of a specific process area/section in accordance with appropriate SAP application for the Demand to Supply Business Process particularly in the Plant Maintenance module. .
- In the repair, check-up and maintenance of machineries and equipment, ensures the use, handling and storage of chemicals, agents, ingredients and supplies that are compliant with the company's/plant's QEFSMS and HACCP standards.
- Responsible for operation and maintenance of the following:
  - Electrical System
  - Water Treatment System
  - Refrigeration System (Ammonia)
  - Steam Generation System
  - Compressed Dry Air System

## Work Experience



### Quantity Surveyor

**Arcadis**, a leading global design, engineering, and consultancy firm.

**August 2018 to February 2021**

- Preparation of cost plan, cost estimates, and value engineering.
- Preparation of Bill of Quantities which include BQ measurement.
- Preparation of tender documents, tender evaluation, and tender reports.
- Contract documentation, valuation of progress payment, variation assessment, and cost control report.
- Evaluation of actual work accomplishment at site.
- Evaluation of Project Manager's Instruction (PMI) and Work Authorization Order (WAO) based on contract terms and reconciliation with contractors.
- Preparation and finalization of project final accounts.
- Provide coordination and liaison with project management throughout the estimate development.

## Relevant Skills

- Automation Systems
- Operation and Maintenance
- Value Engineering
- Quantity Surveying (MEP)
- Project Management
- Electrical Design
- Problem Solving
- Team Communication

## Education History



### Bachelor of Science in Electrical Engineering

(Major in Renewable Energy Resources Design)

Institution: Batangas State University

*Year of Graduation: 2017*

- *local government scholarship grantee*

## Licenses and Certifications



### Registered Master Electrician

Institution: Professional Regulation Commission (Philippines)

*Valid until: June 2027*



### Registered Electrical Engineer

Institution: Professional Regulation Commission (Philippines)

*Valid until: June 2027*

## Affiliations



### Member

Institution: Institute of Integrated Electrical Engineers (Philippines)