

# JOHN MARK CASUGA, RMEE

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Highly motivated and detail-oriented Registered Mechanical Engineer seeking an entry-level position where I can apply my theoretical knowledge and hands-on skills to contribute effectively to projects. Eager to collaborate with experienced professionals to further develop my capacity in design, analysis, and problem-solving within the mechanical engineering field.

## SKILLS

- Microsoft Apps: Office 365
- 2D CAD Software: AutoCAD
- 3D CAD Software: Inventor, Solidworks
- Research and rapid application design
- Good conversational and interpersonal skills
- Fluent in English, Tagalog, Iloko

## PROJECTS

### SKILLS PORTFOLIO

PERSONAL WEBSITE

SEPTEMBER 2024-PRESENT

- Developed a personal web page to showcase my learning journey during my career as a Mechanical Engineer.

### WHEELED AGRICULTURAL SPRAYER (W.A.S.)

CAPSTONE PROJECT

JUNE 2021- 2022

- Led a team to design and build an Ultra Low Volume (16L) agricultural sprayer with a Field Application Efficiency Rate of 85% in dry land condition.
- Performed design improvements through use of AutoCAD, Linkage Mechanism Designer & Simulator and hand calculations.
- Developed a robust yet sustainable design with a commendable and steady flow output which can be repaired by readily available components.

## CERTIFICATIONS

### REGISTERED MECHANICAL ENGINEER

PROFESSIONAL REGULATION COMMISSION

APRIL 2024

### MICROSOFT 365 FUNDAMENTALS

COURSERA

APRIL 2024

### SAFETY OFFICER 2

BUSINESS ENTERPRISE AND CAREER MENTORS INCORPORATED

JUNE 2022

## EDUCATION

### BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Don Mariano Marcos Memorial State University – Mid La Union Campus

JUNE 2023

- Member of Philippine Society of Mechanical Engineer
- Relevant Coursework: Engineering Management, Industrial Plant Engineering, Safety Management
- Scholarship: CHED – TDP