



# Alec Salutem

"As a licensed Electronics Technician with a Bachelor's degree in electronics engineering, I aim to contribute as an Electronic Engineer. My expertise lies in circuit design, testing, programming, troubleshooting, and maintenance. I'm eager to create efficient designs for products or systems."

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34 Gomez St., Manggahan,  
Pasig, Metro Manila,  
Philippines

## SKILLS

Front-end development

- HTML5, CSS, JavaScript,  
VB.NET, and ReactJs

- Knowledge of responsive  
web design

- Basic understanding of UX

- Experience with testing and  
debugging

**Backend Development**

- JavaScript, PHP, Kotlin, C/C++,  
Python, and Java

**Database**

- MySQL and Firebase

**Other Skills**

- Multisim  
- PLC Programming  
- Video/Photo Editing  
- Electronics Devices  
and Circuits  
- Cisco Packet Tracer

## LANGUAGES

English  
*Limited Working Proficiency*

Tagalog  
*Full Professional Proficiency*

## INTERESTS

Renewable Energy

Cloud Computing

Blockchain Technologies

Object Oriented  
Industrial Programming

## EDUCATION

**Senior High School**  
Technological Institute of the Philippines

06/2016 - 03/2018

Quezon City

*Courses*

▫ STEM

**College**  
Technological Institute of the Philippines

06/2018 - 05/2023

Quezon City

*Courses*

▫ Bachelor of Science in Electronics  
Engineering

## WORK EXPERIENCE

**On-The-Job training**  
Meralco Industrial Engineering Services Corporation (MIESCOR)

07/2022 - 08/2022

Quezon City

*On-the-job training*

▫ Interned in the Engineering solutions department. Trained to design the distribution of fiber optic cables also the cable routing within a residential area (Outside Plant).

**Commission**  
Patient Records Management System

10/2023 - 11/2023

Pasig City

*Management System using VB*

▫ Commission for IT students using Visual Basic.

**Current Company**  
Oro Oxygen Corporation

07/2024 - Present

Makati City

▫ Installation of GDAS and FDAS  
▫ Repairing devices such as solenoids coil and valves, and oxygen analyzer pcb.  
▫ Evaluating or inspecting a device need to replace or buy some parts to replace.

## LICENCES

Non-Professional driver's license

05/2024 - 11/2028

Registered Electronics Technician

05/2024 - 11/2027

## DESIGN PROJECTS / COLLABORATIVE WORKS

The Efficacy and Safety of Electronic Cigarettes as a Tobacco Cessation Product,  
March 2017 (01/2017 - 03/2017)

▫ Senior high research for effectiveness and safety of electronic cigarettes (E-Cigarette) as alternative to existing cigarette with lots of nicotine.

DESIGN, IMPLEMENTATION OF WEARABLE DEVICE FOR MONITORING AND  
CLASSIFYING OF OBSTRUCTIVE SLEEP APNEA (08/2022 - 05/2023)

▫ Undergraduate Design Project.  
▫ Implemented machine learning algorithms for patients who has apnea, improving sleep apnea detection accuracy, treatment planning, and patient data management.  
▫ Pitchfest 2023 held on Technological Institute of the Philippines - 3rd Placed, May 2023

**GWA : 2.19**

**GPA : 3.03**