



# MIKE JOSHUA LOPENA

## PROFILE



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Tabalong, Daus, Bohol

## ACADEMIC PROJECTS

- "BisuConnect": Web development project that utilizes JavaScript, PHP, and MySQL
- Microcontroller- IOT based home automation system featuring cooling control, room security, and biometric/RFID door unlock capabilities.
- Contributed to a collaborative project focused on developing a Reverse Vending Machine for Recycling, incorporating a reward system. Utilized Arduino Mega, Orange Pi, and various sensor technologies to optimize the machine's operations and improve user interaction. .

## LANGUAGE

- ENGLISH
- TAGALONG
- CEBUANO

## SKILLS

- Cloud Computing
- Database Integration
- Logos and Digital Arts
- Animations and Game Visuals
- Video Editing
- Web Development

## OBJECTIVE

Seeking an opportunity to apply my expertise with a foundation in web development, database handling, software design, and embedded system development, with a focus on contributing to the team's success through collaborative efforts and dedication to excellence, while also hoping to learn and gain valuable experience in the field.

## EXPERIENCE/INTERNSHIP

### Alphaus Inc.

Tokyo, Japan

January - March 2024

Developed a robust data ingestion system harnessing the capabilities of Google Cloud Platform tools like Pub/Sub and Spanner. Acquired practical skills in establishing Pub/Sub topics and subscriptions, managing ongoing data streams, configuring Spanner databases, and integrating API webhooks for efficient data retrieval.

### Tagbilaran City Tyre

Tamblot St., Tagbilaran City

2018 - 2019

Managed customer inquiries and debts meticulously via email and phone, ensuring satisfaction and accuracy. Facilitated tire purchases and issued prompt receipts for transactions.

## EDUCATION

### BOHOL ISLAND STATE UNIVERSITY

BS IN COMPUTER ENGINEERING

2020 - 2024

### TABALONG NATIONAL HIGH SCHOOL

GENERAL ACADEMIC STRAND

2018-2019

## AFFILIATIONS

### **Google Developer Student Clubs - BISU MAIN CAMPUS**

Bohol Island State University - Main Campus  
Member

### **Institute of Computer Engineers of the Philippines**

Bohol Island State University - Main Campus  
Member

## INTERESTS

- Game Development
- Web3
- DevOps
- Graphic Design
- Embedded System
- Internet of Things

## REFERENCES

### **Tagbilaran City Tyre**

Jean Ann Quipit - Business Manager  
(038) 412 4621

### **Alphaus Inc.**

Chew Esmero- CTO  
chew.esmero@alphaus.cloud