




# PSYRLL FRITZ CUASAY

## COMPUTER ENGINEER

Computer Engineer specializing in software development, with a focus on creating innovative solutions. I have honed my skills in various programming languages and development frameworks. One of my notable achievements includes the development of a mobile application using Ionic Angular, which showcases my ability to integrate advanced technologies into user-friendly applications

### CONTACT

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### EDUCATION

**Batangas State University TNEU**  
BS Computer Engineering  
2020 - 2024  
GPA 1.65

### SKILLS

- ★ **Programming**  
Experienced in Python, Java, HTML, CSS, JavaScript, and MySQL, with additional proficiency in frameworks like Angular.
- ★ **Hardware**  
Possesses basic hardware knowledge with Arduino, Raspberry Pi, and embedded systems.
- ★ **Designing**  
Skilled in Picsart, Canva and Figma.
- ★ **Office Skills**  
Strong time management skills, including project lead experience.

### ACHIEVEMENTS

- 2024 ● Dean's List
- 2024 ● Top Performing Student
- 2023 ● Dean's List

### CAREER CERTIFICATIONS

**Javascript Essentials - 2023**  
CISCO Networking Academy & JS Institute  
**Javascript and PHP - 2023**  
Udemy  
**CCNAv7: Enterprise Networking, Security and Automation Course - 2023**  
Batangas State University

### WORK EXPERIENCES

- Software Development intern, Eclectus Technologies Inc.** | March 2024 - June 2024
- Assist colleagues in various **Quality Assurance** tasks.
  - Actively participating in **Scrum** sessions.
  - Develop a mobile application using **Ionic Angular, HTML, CSS, Javascript**.

### ACADEMIC PROJECTS

- Monitoring System for Energy Conversion**  
Developed an innovative road hump system that converts the kinetic energy from passing vehicles into electricity. Designed and implemented a comprehensive monitoring system to track the number of vehicles required to fully charge the battery, monitor the current battery percentage, and estimate the time until the battery is depleted. Utilized programming languages such as **Python, Java, and C#**, along with **SQL** for database management.
- Weather Application**  
Developed a comprehensive weather mobile application with features including a 7-day forecast, UV index, sunrise and sunset times, air quality indicators, and minimum and maximum temperature readings. Leveraged OpenWeather API for data, utilized **Ionic Angular** framework, and employed **HTML, CSS, JavaScript**, and **Android Studio** for development
- Face Mask Detection with Temperature and Smart Door Lock System using Raspberry Pi in Proteus Simulation**  
Implemented an IoT system using **Proteus Simulation** and **Raspberry Pi**, creating both simulated and real-world environments for testing and deploying Internet of Things solutions.
- Ice Cream Ordering System**  
The Ice Cream Ordering System is a web application designed to streamline the process of ordering ice cream, offering users a user-friendly interface to customize and place orders. The application was developed using Object-Oriented Programming (**OOP**) principles in **Java**, with **MySQL** as the database for storing order and product information, and **NetBeans** was used for building the graphical user interface (GUI).

*i hereby certify that above information is true and correct in behalf of my knowledge and belief*

  
**PSYRLL FRITZ CUASAY**  
Applicant