

# EXEQUIEL BANGAL

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## SOFTWARE ENGINEER

A 4th-year BS Computer Science student specializing in Software Engineering, passionate about building efficient, intelligent systems. Experienced in developing web and AI-driven projects with a focus on usability and performance. Aspiring full-stack developer eager to contribute to innovative software solutions.

## EXPERIENCE

### Dormhub

Dormitory Management System | PHP / HTML / CSS / JavaScript / MySQL

- Designed a responsive and intuitive user interface using HTML, CSS, and JavaScript.
- Built and optimized backend modules for tenant and payment management using PHP and MySQL, improving data accuracy and efficiency.

### Akitune

Adaptive Audio Retuning System | Python / Deep Learning / Audio Processing

- Developed the frontend interface and trained the VGG16-based model using extracted audio and video data.
- Applied STFT and MFCC for adaptive retuning, enhancing hearing safety and listening experience.

### Barangay Socorro Information System

Resident Record Management | PHP / MySQL / JavaScript

- Designed frontend modules for resident registration and data management.
- Contributed to backend integration for efficient data handling.

## SKILLS

- |              |          |           |
|--------------|----------|-----------|
| • HTML       | • C++    | • Php     |
| • CSS        | • Java   | • MySQL   |
| • Javascript | • Python | • Pytorch |

## EDUCATION

FEU Institute of Technology

Expected Graduation 2026

- Bachelor of Science in Computer Science, specializing in Software Engineering

JCSGO Christian Academy

2022

- Senior High School

## CERTIFICATIONS

- |                          |                                 |
|--------------------------|---------------------------------|
| • IT Specialist - Python | • PMI Project Management Ready™ |
|--------------------------|---------------------------------|