

# GERALD JAMESON COSTALES

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1 Lisbon St. Vista Verde North, Caloocan City



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## CAREER OBJECTIVES

Motivated and detail-oriented **Information Technology graduate** seeking an entry-level **Software Developer** role where I can apply my programming skills, problem-solving abilities, and eagerness to learn. Interested in building, testing, and maintaining software applications while contributing to efficient and scalable solutions.

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## EDUCATIONS

### Bachelor of Science in Information Technology

Our Lady of Fatima University

2021 - 2026

### Accountancy, Business and Management

Our Lady of Fatima University

Senior High School

2019 - 2021

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## TECHNICAL SKILLS

**Programming:** HTML, CSS, JavaScript, Kotlin, Java, Typescript, Angular, XML

**Databases:** MongoDB Atlas, Firebase Realtime DB (basic)

**Tools :** Visual Studio Code, Android Studio, Git/Github

**Mobile Development:** Basic Native Android (Java & Kotlin)

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## PROJECTS

### AquaBite: Automated Smart Feeder with Data Analytics (*Capstone Project*)

- Developed a mobile application using Java to monitor sensor data (pH, temperature, turbidity).
- Integrated data transmission via Wi-Fi using ESP32 and displayed analytics within the app.
- Implemented Firebase for real-time data storage and retrieval.
- Worked with hardware sensors and microcontroller programming.

### Chirpabet – Educational App (Kotlin, TTS)

- Developed an interactive educational mobile app called Chirpabet using Kotlin.
- Displays an image of an animal, and when tapped, the app speaks the animal's name and plays the sound it makes.
- Integrated Android's Text-to-Speech (TTS) engine and audio playback.
- Designed for children, focusing on simple UI, clarity, and engaging learning.