

Roberto Neil Santos

+639612910056 | santos.robortoneil@gmail.com | <https://www.linkedin.com/in/roberto> | github.com/zatrodev

EDUCATION

Rizal National Science High School

S.Y. 2017 - 2023

Binangonan, Rizal

Aug. 2018 – May 2021

Univeristy of the Philippines - Los Baños

Bachelor of Science in Computer Science

Los Baños, Laguna

July 2023 - Present

PROJECTS

KainWell | *Jetpack Compose, Firebase Firestore*

- Built an Android diet planning application that generates personalized meal plans.
- Utilized simplex method as an optimization algorithm to tailor plans to user-defined nutritional goals.

Beehive | *Jetpack Compose, Room*

- Developed a locally stored, secure password manager app with encryption and fingerprint authentication.
- Included autofill and web autofill features for seamless usability.

Watchful | *Flutter, Firebase*

- Developed a full stack application for incident reporting
- Enables users to take a picture of a certain incident and upload it in the application

Automated BMI Calculating Device | *Python, Raspberry Pi, SQL*

- Developed the user interface of the device using Tkinter
- Implemented a local SQL database for saving of user data
- Used libraries in Python such as HK711 and pyA20 for sensor data retrieval

Wander | *React*

- Developed a Flappy Bird inspired game in ReactJS

Customizable Connect4 | *JavaScript*

- Developed the Connect Four game in Vanilla JavaScript
- Created a custom linked list data structure for a 3D array

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, C/C++, SQL MySQL , JavaScript

Frameworks: React, Node.js, FLutter

Developer Tools: Git, Gradle, Maven, VS Code, IntelliJ

Libraries: Tensorflow, Tkinter