

RAY CHRISTIAN SANTOS

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OBJECTIVE

Bachelor of Science in Computer Science graduate with hands-on experience in mobile app development using Java, Kotlin, and Android Studio. Skilled in building scalable applications, API integration, and leveraging machine learning for enhanced mobile functionality. Seeking a Mobile Developer position to apply my technical expertise in creating innovative, user-centric solutions.

EDUCATION

Bachelor of Science in Computer Science	2020 - 2024
Tarlac State University	
STI College Tarlac	2018 -2020
Maligaya Trinity Baptist Christian Academy INC	2008 - 2018

CHARACTER REFERENCE

Bryan Lugtu

Colleague | ELJIN CORP
IT MANAGER 09175821604

Mark Aglapay

Colleague | ELJIN CORP
Senior Web developer 09515384154

EXPERIENCE

Tarlac City Health Office - Office Assistant -FEBRUARY 2020
Hilario St, Tarlac City, 2300 Tarlac

Kaizenaire Outsourcing and Offshoring Consulting - Graphic Designer and Web developer -JULY 2023
Singapore, Singapore 458278, SG

ELJIN CORPORATION (BW SUPERBAKESHOP) -SEPTEMBER 2024

SKILLS

- SDLC: Java, Python, Kotlin
- STLC: Python, JavaScript
- Web Development: HTML/CSS, JavaScript, Laravel (PHP)
- Mobile Development: Android Studio, Java, Kotlin
- Machine Learning: TensorFlow, PyTorch, OpenCV
- Database: MS SQL, Room Database, SQL
- Development Methodologies: Waterfall, Agile
- API Development: Laravel (PHP)
- Middleware: Node.js
- Tools & Technologies: RESTful APIs, Firebase, Git, Docker

PROJECTS

ECPOS - In house Point of Sale System for BW Super Bakeshop Eljin Corp(Mobile app)(Kotlin)(node)(Laravel Api)

Developed and implemented ECPOS, a In house Point of Sale system for BW Super Bakeshop, currently used across 21 stores. The system includes features like inventory management, sales reporting, customer management, loyalty programs, stock transfer, attendance tracking, and cashier transactions. ECPOS enhances operational efficiency, streamlines store management, and improves the overall customer experience, helping the company manage its day-to-day operations more effectively.

Mobile-Based Real-Time Skin Disease Detection with YOLO v5 (Mobile App) (kotlin) (Winner of TSU 2024 Best Thesis Award in BSCS)_(github.com/Raysantos22/Skin-Disease-Detection)).

Developed an offline mobile app using Java/Kotlin for real-time skin disease detection with 95.20% accuracy. It uses YOLO v5 (TensorFlow/PyTorch) and OpenCV to identify 12 common skin conditions.

FoxNav:A 2DNavigation System using MAPBOX and A* Algorithm(MobileApp) ([kotlin\(github.com/Raysantos22/FoxNav\)](https://github.com/Raysantos22/FoxNav))

FoxNav helps TSU freshmen with real-time outdoor navigation (Mapbox API) and indoor navigation using a custom 2D map and A* algorithm, allowing users to find their location and navigate to specific rooms on campus.

Real-time Student Face-based Attendance System and face login With Anti-Spoofing and Hand-Raising Detector using Facenet,SVM and Haar(Python).(github.com/Raysantos22/Face-Attendance)).

Developed a real-time student attendance system using Python, featuring Facenet for facial recognition, SVM for classification, and Haar cascades for anti-spoofing. It includes hand-raising detection and face login for secure attendance and user authentication.

AI-Driven and Descriptive Audio Feedback Based on User Inquiries for Blind Users (YOLOv11)(Kotlin)

Developed an AI-driven system that provides real-time descriptive audio feedback for blind users based on visual inquiries. Using YOLOv11 for object detection, the system accurately identifies objects in the environment and delivers detailed audio descriptions, improving navigation and accessibility for visually impaired individuals.

Software Development Life Cycle (SDLC)

I've worked with programming languages like Java, Python, and Kotlin throughout the software development lifecycle—from planning to deployment.

Software Testing Life Cycle (STLC)

I've been involved in testing processes using Python and JavaScript to write test scripts and automate testing tasks.

Web Development

I develop websites using HTML, CSS, and JavaScript, and I've also used Laravel (PHP) to build full-stack web applications.

Mobile Development

I develop Android mobile apps using Android Studio, mainly with Java and Kotlin

Machine Learning

I've worked on machine learning projects using frameworks like TensorFlow, PyTorch, and OpenCV for tasks like image processing and model training.

Database Management

I have experience using databases such as MS SQL, SQL, and Room Database (for Android apps) for data storage and retrieval.

Development Methodologies

I've worked in both Waterfall and Agile environments, depending on the project requirements.

API Development

I develop and manage APIs using Laravel (PHP) and work with RESTful APIs to connect front-end and back-end systems.

Middleware

I've used Node.js for building lightweight middleware and handling server-side logic.

Tools & Technologies

I'm familiar with tools like Firebase (for mobile/backend services), Git (for version control), and Docker (for containerization).

✓ Self-Introduction (for Interview Use)

Hi, I'm Raychristian Santos, 23 years old from Tarlac City. I recently completed my Bachelor of Science in Computer Science at Tarlac State University.

During my studies and early professional experience, I developed mobile application particularly using Kotlin and Java. One of my most significant project so far is the ECPOS full-scale in-house Point of Sale system that I developed for BW Super Bakeshop under Eljin Corporation, which is currently being used in over 50 stores.

This system includes inventory management, customer transactions, loyalty programs, attendance tracking, and more related in pos system I handled both the mobile development (Kotlin) and the integration with Laravel APIs and Node.js middleware

Aside from that, I've worked on freelancing job, last month i develop 4 successful thesis projects this are but ECPOS is where I truly saw my work make an impact in a real-world business environment.

✓ Why do you want to work in this role and company?

I want to be part of a company like Guerilla Staffing Solutions because of your reputation for creating long-term, meaningful employment opportunities and your values of respect and inclusion.

As a mobile developer, I'm excited to work in a team that values innovation and continuous learning. I believe I can grow here while also contributing my skills in building efficient, user-friendly mobile applications.

✓ What is your strength?

One of my key strengths is that I can build complete mobile solutions—from front-end design to backend integration. I'm very detail-oriented, which helps me catch potential issues early. I also stay calm under pressure, especially when fixing bugs or deploying new features.

For example, while developing ECPOS, I handled multiple iterations based on store feedback and ensured smooth rollout and maintenance even when stores were operating live.

✓ What is your weakness?

Sometimes, I tend to dive deep into solving small issues because I want everything to work perfectly. But I've learned to balance quality and deadlines by properly prioritizing tasks, especially when working on large-scale systems like ECPOS with multiple modules.

✓ How do you handle technical challenges or bugs in your app?

I start by isolating the issue, reviewing logs or testing scenarios, and using debugging tools available in Android Studio. If it's a backend-related bug, I check API logs or endpoint responses.

During the development of ECPOS, there were moments when some transactions weren't syncing properly. I traced it back to a faulty database sync logic in the local Room database and quickly pushed a fix after simulating multiple edge cases.

✓ What are your hobbies or interests?

I enjoy working on side projects, exploring machine learning, and contributing to my GitHub portfolio. I also like studying real-world problems that can be solved through technology—whether it's health, navigation, or business operations—and turning those into apps. It helps keep my coding skills sharp and encourages creative thinking.

✓ Why should we hire you?

You should hire me because I have real experience building, deploying, and maintaining a live mobile application used by a business with 50+ branches. I understand both the technical side and user experience, and I take ownership of what I build.

I'm eager to contribute, collaborate, and continuously learn—and I believe I can add value to your mobile team from day one.

9:20 AM

Edited

Have you worked on any apps related to finance, banking, or account management before?

What motivated you to specialize in native mobile development?

✓ Somehow ecpos is related in financing and account management because I have attendance tracking and transaction about price cost price gross net that's why I'm always careful even it just a sense It has a big impact in the company profit because it has already many store

Fit for Australian Account

Have you worked with Australian clients or companies before?

✓ How did you find the experience?

How do you handle working across different time zones or with remote teams, especially if stakeholders are based in Australia?

✓ I'm flexible and easy adapt as a developer I've been trained to assist them professional and calmly to give what there needs like in my ecos everyday there is concern to add new product new discount

Are you familiar with any Australian financial regulations or standards from a development perspective?

Work Style & Soft Skills

How do you usually collaborate with teams—do you prefer structured guidance or more autonomy?

✓ Structure guidance in building a mobile application you need first to conduct what methodology to use to have a guide plan, design, develop, test, deploy, review in that way it will be more easier for us to build it

How do you handle tight deadlines or last-minute changes in requirements?

Tell me about a time you had to troubleshoot a major issue under pressure. How did you manage it?

✓ I handle it to first even small or big problem I breaking it down into step by step in my ecos I have 3 platform web site tablet and middleware the problem I encounter is transaction syncing sometimes the transaction is doubling and sometimes some transactions is missing that's why I need to check it all how to fix it first I check the tablet set a sync status if the data already been send next is my middle ware is a bridge for mobile and web to connect and this filter the data and last is the web this is the final data been send by mobile I put query deleting duplicate because in tha way breaking it to a step by step it is easier for me to troubleshoot a problem

Communication & Culture

How do you ensure clear communication when working with cross-cultural teams (e.g., Australian managers or clients)?

✓ As what I said earlier I'm flexible and easy to adapt and friendly because I always as for suggestion and opinion of other in my mobile application I build to gain more knowledge and how to make it more accurate and easy to use

What's your approach when there's a misunderstanding with a colleague or client?

✓ First I will take a responsible to assist them what causes the problem and conflict so I can deal with them professional and calmly and somehow working in bwsuper bakeshop and client I did not encounter conflict or problem

How do you keep stakeholders updated about your progress or any blockers you're facing?

Career Goals & Motivation

Why are you interested in this role within an Australian fintech/account project?

Where do you see yourself in the next 2–3 years in your career?

What kind of company culture helps you thrive the most?