

# Khristian Angelo E. Tiu

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## Summary

Results-driven **Information Technology** student with a strong focus on **Frontend Development** and **Project Management**. Proven experience in architecting AI-powered solutions, including **Augmented Reality (AR)** visualization tools and predictive algorithms using **Decision Trees** and **Skill-Matching** logic. Adept at leading end-to-end development lifecycles, managing cross-functional teams, and delivering scalable applications within the **Android** and **Web** ecosystems.

## Education

**Pamantasan ng Lungsod ng Maynila — BS Information Technology**

2022-2026

Consistent Dean's Lister (GWA: 1.45)

Relevant Coursework: Web Systems, Database Management, Project Management, Software Engineering

## Projects

**3Whites | Frontend Developer**

January 2025 – June 2025

**Project Overview:** AI-Driven Powerlifting & Progress Tracking Android Application

- Developed a specialized Android application for powerlifters featuring AI-driven program recommendations and automated progress tracking..
- Built a real-time Augmented Reality (AR) bar path visualization tool using AR components to provide immediate biomechanical feedback for athletes.
- Integrated a Decision Tree Algorithm to translate complex backend data into actionable, personalized training adjustments for the user.

**TechSync | Front-end Developer and Project Manager**

June 2025 – November 2025

**Project Overview:** AI-Powered Developer Collaboration & Upskilling Platform

- Led the end-to-end development lifecycle, managing team timelines, project milestones, and resource allocation to ensure successful platform delivery.
- Developed a collaborative learning platform focused on streamlining developer workflows and professional growth.
- Implemented a Skill-Matching Algorithm that dynamically suggests independent projects and learning paths based on detected proficiency levels.

## Leadership & Volunteer Experience

**PLM Google Developer Student Club (GDSC) | Noogler**

2023–2025

- Engaged in Google-led technical workshops and developer events, gaining hands-on experience in modern web development and cloud infrastructure.
- Collaborated with a network of student developers through technical discussions and peer-to-peer knowledge sharing to solve complex programming challenges.
- Cultivated a deep understanding of Google technologies by participating in community-driven projects and staying updated on emerging tech trends.

**AWS Cloud Club – Haribon | Software Engineer & Data Engineer Skillbuilder**

2024-2025

- Engaged in hands-on technical sessions focused on AWS core services and cloud computing architecture to build scalable, high-availability applications.
- Strengthened technical expertise in implementing AWS tools for data handling and cloud infrastructure, focusing on industry-standard best practices.

## Technical Skills

**Languages:** JavaScript, Python, C++, C#, Java, SQL, HTML, XML, Kotlin

**Frameworks:** Next.js, React, [Node.js](#), Kotlin

**Developer Tools:** Git/GitHub, Google Cloud, VS Code, Figma, Supabase, Android Studio, Jira