



Cire Paul B. Cruz  
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## OBJECTIVES

To leverage my dedication and strong work ethic

In a dynamic role where I can contribute by collaborating effectively, communicating ideas clearly, and continuously learning new skills. I aim to utilize my ability to visualize concepts and listen attentively to create impactful solutions and drive the success of the team and organization.

## EDUCATIONAL BACKGROUND

- Segundo Esguerra Memorial Elementary School – Pulilan, Bulacan, 2007 -2013**
- Jose Rizal Memorial School – Calamba City, Laguna, 2013 -2014**
- Saint Benilde International School Inc. – Calamba City, Laguna, 2014-2021**
- Our Lady of Fatima University – Laguna Campus**  
Bachelor of Science in Computer Science  
2021 - 2025

## RELEVANT SKILLS

- Hardworking and Dedicated
- Continuous Learner
- Collaboration and Teamwork
- Effective Communication
- Visualization and Conceptualization
- Active Listening
- Initiative
- Problem solver
- Time Management
- Team Collaborative

## TECHNICAL SKILLS

**Languages:** Java, Python, HTML, C++/C, C#, PHP, Kotlin, SQL  
**Frameworks:** Android Jetpack, Kotlin, Firebase, Laravel  
**UI Design:** Bootstrap (CSS), JavaScript, CSS, Jetpack Compose  
**Microcontroller:** Arduino Uno  
**Developers Tools:** VS Code, Java NetBeans, Notepad ++, DOSBox, XAMPP, Android Studio, SQL Server Management Studio, Microsoft Visual Studio 2013  
**Libraries:** MVVM, UI and Design, OpenCV, Android Platform APIs  
**Version Control:** Git, Github  
**Data Management:** MySQL, PostgreSQL, SQLite, T-SQL, Microsoft SQL Server, ETL, SSIS

## CERTIFICATION

- Unlocked: Password @ Authentication**  
Virtual webinar @ OLFU - Laguna  
May 2022
- T.R.U.S.T "Tackling Risks and Understanding Security in AI Technology**  
Virtual webinar @ OLFU - Laguna  
May 2023
- The cutting edge: Trends Shaping the Future of Computing**  
Sr3 Auditorium @ OLFU - Laguna  
May 2024
- DICT-WD001 Principles of Web Development and Introduction to HTML**  
CAST TLMS via Google  
May 2024
- DICT-ICT018 Basic Level of Software Engineering**  
CAST TLMS via Google  
May 2024
- DICT-MAD006 Introduction to Android Studio Application Development**  
CAST TLMS via Google  
May 2024
- DICT-WD002 Using HTML and CSS to Design a Website**  
CAST TLMS via Google  
May 2024
- DICT-MAD007 Basic Building Blocks of the User Interface**  
CAST TLMS via Google  
May 2024
- DICT-MAD008 Android Fragments**  
CAST TLMS via Google  
May 2024
- DATABASE – DML Statements and SQL Server Administration**  
Alison Empower Yourserlf via Google  
March 2025
- SQL SERVER 2014: Security Fundamentals**  
Alison Empower Yourserlf via Google  
March 2025
- Resilience Through Innovation: Navigating the Future in Education,Entrepreneurship, Engineering, and Digital Technology.**  
Via Zoom Conference  
April 2025

## PERSONAL PROFILE

**Birth Date:** August 23, 2002  
**Place of Birth:** Pulilan, Bulacan  
**Age:** 22 Years old  
**Height:** 5'3  
**Civil Status:** Single  
**Nationality:** Filipino  
**Religion:** Born Again Christian

# ACADEMIC EXPERIENCE

## 2nd Regional Research Conference – Laguna University

Theme: "Resilience Through Innovation: Navigating the Future in Education, Entrepreneurship, Engineering, and Digital Technology"

Certificate of Participation: Presenter

## Precision Wellness: Investigating the Impact of Data Analytics on Personalized Nutrition and Fitness Strategies

Designed and developed an offline application that leverages data analytics to create personalized nutrition and fitness strategies. The application processes user-specific data locally to generate tailored wellness plans, ensuring privacy and accessibility without requiring an internet connection.

### TOOLS/TECH USED:

- Kotlin
- Android Studio
- Room Persistent Database
- Jetpack Compose
- MVVM (Model-View-ViewModel)
- Figma
- SQLite

### HARDWARE USED:

- Laptop
- Cellphone (Android Only)

### PROJECT/ACTIVITY:

#### Offline Android Wellness App Development

Designed and developed an offline-first mobile application focused on personalized wellness, targeting nutrition tracking, fitness logging, and behavioral insights. The application allows users to monitor their wellness journey without needing continuous internet access by leveraging local data storage with SQLite. The project emphasized modular design, performance, and user experience, adhering to best practices in Android development.

### OVERALL CONTRIBUTION:

- Conceptualized and developed an offline Android application for personalized wellness, integrating data analytics into nutrition and fitness strategies.
- Designed and implemented the application architecture using the MVVM pattern to ensure scalability, maintainability, and clean separation of concerns.
- Developed a user-friendly interface using Jetpack Compose and Material Design principles for an intuitive and responsive user experience.
- Integrated Room Persistent Database backed by SQLite to enable efficient offline data storage, retrieval, and management.
- Created and managed structured data models to support seamless interaction with the SQLite database via Room.
- Conducted thorough testing to ensure application reliability and usability, continuously improving the app based on user feedback.

# WORK EXPERIENCE

**Nexus Technologies Inc – Makati City, Philippines**  
*Role: APPS Section, Data Management Intern*  
*Address: 1010 Metropolitan Avenue, San Antonio, Makati City 1203*

Tools/Tech Used:

- SQL Server Management Studio (SSMS)
- SQL Server Configuration Manager
- SQL Server Integration Services (SSIS)
- Visual Studio

Project/Activity:

SQL Server Management, Data Integration, and Querying Training

Assisted in managing and configuring SQL Server databases, including installation, indexing, performance tuning, and data querying. Participated in the design, development, and deployment of data integration solutions using SSIS (SQL Server Integration Services) within Visual Studio to efficiently move, transform, and analyze data across systems.

Overall Contribution:

- Supported the configuration and administration of SQL Server environments, ensuring optimal setup, secure access, and performance tuning.
- Learned and applied database best practices, including indexing, query optimization, execution planning, and structured SQL for reporting and analytics.
- Developed and optimized SQL queries to retrieve, validate, and manipulate data for business operations and project deliverables.
- Designed and implemented ETL workflows using SSIS in Visual Studio, including data extraction from various sources, transformation logic, and loading into target systems.
- Contributed to SSIS package development, testing, and deployment, helping streamline data migration and integration processes.
- Gained hands-on experience with enterprise-level data tools and actively participated in troubleshooting and resolving SQL and SSIS-related issues.

# CHARACTER REFERENCE:

**ERICSON DILLA, MSCS @**  
BSCS Adviser, Department of Computer Studies at  
Our Lady of Fatima University – Laguna Campus.

**COPERNICUS PEPITO, MBA, MSCS**  
College Instructor, Department of Computer Studies at  
Our Lady of Fatima University – Valenzuela



Applicant

