



Cire Paul B. Cruz

Santa Rosa City, Laguna

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Portfolio: <https://cirehpaul.github.io/Portfolio/>

Github: [cirehpaul \(Cire Paul\)](https://github.com/cirehpaul)

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OBJECTIVES

To apply my dedication, strong work ethic, and collaborative skills in a dynamic role where I can communicate effectively, learn continuously, and contribute to impactful team success.

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, .NET Core / .NET, React Native

UI Design: Bootstrap (CSS), JavaScript, CSS, Jetpack Compose, XML

Microcontroller: Arduino Uno

Developers Tools: VS Code, Java NetBeans, Notepad ++, DOSBox, XAMPP, Android Studio, SQL Server Management Studio, Microsoft Visual Studio 2013 / 2022, Visual Basic

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 Yourself via Google

March 2025

SQL SERVER 2014: Security Fundamentals

Alison Empower Yourself via Google

March 2025

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

Via Zoom Conference

April 2025

EU AI Act - Fundamentals of Laws on Artificial Intelligence

Alison Empower Yourself via Google

October 2025

Blockchain as a Service Using AWS

Alison Empower Yourself via Google

October 2025

Machine Learning in Python Environment

Alison Empower Yourself via Google

October 2025

PERSONAL PROFILE

Birth Date: August 23, 2002

Place of Birth: Pulilan, Bulacan

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.

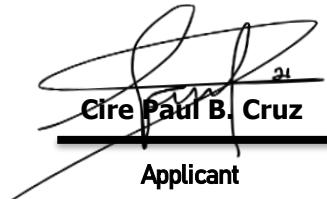
CHARACTER REFERENCE:

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



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Cire Paul B. Cruz
Applicant

