

KYLA ROSETTE TUMPALAN

INFORMATION TECHNOLOGY

Technological Institute of the Philippines - Quezon City (TIP QC)

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CAREER OBJECTIVE

To leverage technical skills and education in contributing to an organization's growth while continuously developing expertise through challenging projects in the dynamic field of technology.

DESIGN PROJECTS COMPLETED / RESEARCH

VigiWheel: An IoT-Based Monitoring System for Drivers' Distraction and Drowsiness Indicators with Web Application Management

A Python-based driver drowsiness indicator detection system monitoring alertness, with a MERN-stack website for operator remarks.

Coffee Studio: A Savoring Rich Brew of an E-Commerce Website Utilizing PHP, MySQL, and Service-Oriented Architecture

An e-commerce website for coffee and pastry products with PayPal Sandbox payments, inventory management, and customer interaction.

Grand Cascade Hotel: Development of a Web-Based Hotel Reservation System

A hotel reservation system using HTML, CSS, and Bootstrap for bookings, client information, room availability, and admin management.

JAVArity: Development of a Digitized Clothing Shop Transaction-Based System

A Java-based online shopping system to streamline product delivery, reduce workloads, and improve transaction efficiency.

Hospital with Joy and Care: Implementation of a Database Schema and Relational Database for KSP Hospital's Management System

An Oracle SQL database schema managing hospital records for doctors and patients.

WORK EXPERIENCE

- Frontend Developer Intern
i4 Asia Incorporated
March 03, 2025 - May 09, 2025
- Full-Stack Developer Intern
Technological Institute of the Philippines - Quezon City
January 20, 2025 - April 30, 2025
- Digital Artist
Freelance
April 20, 2021 - September 16, 2021

KNOWLEDGE, SKILLS, AND ATTITUDE

- **Technical Skills**
 - **Intermediate:**
 - **Programming:** HTML, CSS, JavaScript, PHP, Java, ReactJS, React Native, MERN Stack (MongoDB, Express.js, React.js, Node.js)
 - **Database:** MySQL
 - **Development Tools:** Visual Studio Code, Eclipse, Bootstrap
 - **Design:** Figma, Lucidchart, Canva
 - **Office/Productivity:** Microsoft Office (Word, Excel, PowerPoint)
 - **Operating Systems:** Windows OS
 - **Basic Knowledge:**
 - **Programming:** Tailwind CSS, Python, C++, R Programming
 - **Content Management:** SAP, Shopify, WordPress
 - **Database:** Oracle
 - **Development Tools:** Git, GitHub, Android Studio, Arduino, Flutter, Ionic (Angular), RStudio
 - **API/Testing:** REST API Management, Postman
 - **Cybersecurity:** BurpSuite, Nmap, Nikto, Nessus, Skipfish, Hydra, JohnTheRipper, ExifTool
 - **Networking:** CISCO Packet Tracer
 - **Operating Systems:** Kali Linux, MAC OS
 - **Data Analysis:** WEKA
 - **Design:** Adobe Photoshop, Wix

- **Soft Skills**
 - Strong interpersonal and communication skills
 - Leadership, teamwork, and adaptability
 - Problem-solving and a forward-thinking mindset
 - Creativity and a constructive approach to tasks
- **Work Ethic**
 - Attentive to details
 - Highly punctual
 - Hardworking
 - Flexible workplace arrangements
 - Responsible and committed to all assigned tasks

SEMINARS AND TRAININGS ATTENDED

- Gen Z on the Grind: Shaping the New Workforce
Technological Institute of the Philippines - Quezon City November 19, 2024
- Unlocking the Power of Data: Real-World Analytics Application
Technological Institute of the Philippines - Quezon City March 24, 2023
- Packetworx: Internet of Things
Technological Institute of the Philippines - Quezon City March 21, 2023
- Getting Started with Serverless at AWS
AWS Siklab Pilipinas - Zoom October 27, 2022
- CyberSecurity: Protection of the Future
University of the East - Caloocan February 11, 2021

ACHIEVEMENTS

- Magna Cum Laude Batch 2025
- Vice President's Lister
Technological Institute of the Philippines - Quezon City 2024-2025, Second Semester
- President's Lister
Technological Institute of the Philippines - Quezon City 2024-2025, First Semester
- Vice President's Lister
Technological Institute of the Philippines - Quezon City 2023-2024, First Semester and Second Semester
- Vice President's Lister
Technological Institute of the Philippines - Quezon City 2022-2023, First Semester and Second Semester
- Dean's Lister
Technological Institute of the Philippines - Quezon City 2021-2022, Second Semester
- With High Honors
University of the East - Caloocan Senior High School (Grade 12)
- With Honors
University of the East - Caloocan Senior High School (Grade 11)

REFERENCES

Dr. Jasmin A. Caliwag
CCS Faculty / OJT Faculty-in-Charge
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