RUSZEL JEAUS A. SAAVEDRA

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Summary

A young innovative graduate holding a degree in BS Information Technology with a passion for creating intuitive and visually appealing web experiences that makes a difference. Gained valuable skills and experience through academic projects journey and now open for opportunity to contribute his knowledge in a collaborative team environment. Additionally committed to growth, being a responsible and dedicated comes from heart, while staying open to continues learning comes from the mind leading to quality results.

Technical Skills

Languages	: JavaScript, PHP
Frameworks	: Bootstrap, Flask
Database	: MySQL
Design Tool	: Figma, Canva
Web Technologies	: HTML, CSS
Developer Tools	: PyCharm Community, Visual Studio Code

EXPERIENCE

Web Developer Intern | Frontend and Led Backend Developer   March 2024 – July 2024
Polytechnic University of the Philippines – Unisan

- Developed a queuing system for campus client management, reducing client wait times by 30% and managing an average of 100 transactions by peak periods across university services.
- Employed PHP, MySQL, JavaScript, HTML, and CSS to build a system capable of handling real-time tracking of over 150 active users by occasions, improving client management efficiency by 50% compare to traditional client management using manpower
- Built an integrated system connecting clients, offices, and administrators, achieving an 80% self-service adoption rate.
- Enhance operational efficiency by reducing manual work loads by 50%, contributing to the campus digital transformation efforts.
- Facilitated the deployment of the system to ensure seamless operation, addressing 80% reported issues within the day.

Education

Polytechnic University of the Philippines Unisan Campus
        Unisan, Quezon
Bachelor of Science in Information Technology   October 2020 – September 2024
Presidents Lister
Service Award – Queuing System Implementation
Outstanding Leadership Award

Projects

Campus Queuing System   March 2024 – July 2024
Technologies: JavaScript, PHP, MySQL, HTML, CSS

- This project is an implemented client management tool, serving as bridge to optimized client flow and implement clear service directions.
- This system is a combination of technologies putting clients, offices and administrators in one place, promoting discipline and enhancing user engagement.

SPEAKIT: ASL Translator Web App   October 2023 – February 2024
Technologies: Python, Flask, OpenCV, TensorFlow, JavaScript, HTML, CSS, SiMax animation

- This capstone project is an American Sign Language (ASL) Fingerspelling Translator promotes inclusivity and facilitate communication between deaf and non-deaf individuals.
- Implemented two core features:
  - Sign-to-Text: Captures hand signs using camera and converts them into text.
  - Speech-to-Sign: Translates spoken words into sign language gestures using SiMAX software animation.