MIRO IVAN D. SARTE

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Objective

I am seeking to leverage and expand my programming skills by developing innovative solutions to address business challenges. I am eager to learn, grow, and contribute to a forward-thinking company where I can make a meaningful impact.

Education

Bachelor of Science in Computer Engineering
STI COLLEGE ROSARIO
2019 - August 29, 2024

General Academic Strand
Galilee Academy
2017 - 2019

Skills

- Proficient in Front end development using HTML, CSS, JavaScript, and React JS.
- Experienced in server-side development with Node and Express JS with MYSQL database..
- Knowledgeable in Android development using Kotlin, Java, and Firebase (Real time database, Authentication, and Cloud Storage).
- Competent in version control systems such as Git and GitHub.
- Knowledgeable in creating embedded systems using C++ and programmable boards like Arduino UNO, Node MCU, and ESP boards.
- Experienced in creating mockup designs using Figma.
- Proficient in creating 3D and 2D designs using AutoCAD and SketchUp.

Experience

Sep 2023– Aug 2024

CAPSTONE PROJECT
STI COLLEGE ROSARIO

- Designed and developed an android-based application for ordering milk tea, along with a kiosk system to reduce waiting time during order creation.
- Assembled hardware with the developed software program to create an embedded system that automates the process of making milk tea.
- Integrated the Firebase real-time database, authentication, and cloud storage into the app to manage customer accounts and save order history.
- Embedded the PayPal Checkout API on developed mobile application for cashless transactions with customers.
- Designed schematic diagrams, 3D models, flow charts, and block diagrams.
- Collaborate with client "Happy Sip Milk tea and Coffee" Cavite branch

July 2022– Sep 2023

LEAN TECHNICIAN
DANAM PHILIPPINES INC.

- Reduced downtime in the production area by 30% using Kaizen and Lean methodologies.
- Created company 2D floor layouts for process mapping and re-layout purposes.
- Designed ergonomic equipment for operators using 3D modeling tools such as AutoCAD and SketchUp.
- Conducted cycle time analysis and process balancing for balanced distribution of workload.

Certificates and Trainings

Oct 2023   Getting Started with React a Beginner's Guide

Sep 2023   A Journey into JAVA Programming Fundamentals

Aug 2022– Jan 2023   On The Job Training (STI COLLEGE ROSARIO)