MIRO IVAN D. SARTE

Software Developer

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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

Technical Skills
Proficient
- Front end development using HTML, CSS, JavaScript, and React JS.
- Server-side development with Node and Express JS with MYSQL database.

Experienced
- Android development using Kotlin, Java, and Firebase (Real time database, Authentication, and Cloud Storage).
- Embedded systems using C++ and programmable boards like Arduino UNO, Node MCU, and ESP boards.
- Version control systems such as Git and GitHub.
- Creating mockup designs using Figma.
- Creating 3D and 2D model using AutoCAD and SketchUp.

Soft Skills
- Problem Solver
- Fast Learner
- Flexible
- Team player

Experience

Sep 2023- Aug 2024

CAPSTONE PROJECT
STI COLLEGE ROSARIO

- Designed and developed an Android-based application for ordering milk tea.
- Assembled hardware and integrated software to create an embedded system automating the milk tea-making process.
- Integrated Firebase real-time database, authentication, and cloud storage for managing customer accounts and saving order history.
- Embedded PayPal Checkout API to enable cashless transactions.
- Designed schematic diagrams, 3D models, flowcharts, and block diagrams for the system.
- Collaborated with the client, "Happy Sip Milk Tea and Coffee," at the 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)