

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

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)