

# MIRO IVAN D. SARTE

## Software Engineer

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Address: 833 Tramo St, Tejeros Convention, Rosario Cavite

## Objective

Seeking a position at a dynamic, growth-oriented company where I can leverage my skills to contribute to innovative solutions that address current challenges. I am eager to continuously learn and grow, while making a meaningful impact by driving forward-thinking initiatives and supporting the company's long-term success.

## 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.
- Android development using Kotlin, Java, and Firebase (Real time database, Authentication, and Cloud Storage).

#### Experienced

- Server-side development with PHP and Node with Express JS.
- Database with MySQL, MongoDB and SQLITE.
- Embedded systems using C++ and programmable boards like Arduino UNO, Node MCU, and ESP boards.
- Version control systems such as Git and GitHub.
- Software Development Lifecycle (AGILE and Prototyping Model)
- Creating mockup designs using Figma.
- Creating 3D and 2D model using AutoCAD and SketchUp.

#### Soft Skills

- Problem Solver
- Fast Learner
- Flexible
- Team player
- Organize
- Detail Oriented

## 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 and PDF box libraries for receipt creation.
- 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 manufacturing layouts for process mapping and cell 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

DevOps-IT Seminar and Workshop

Getting Started with React a Beginner's Guide

Sep 2023

Learn Tech

Jumpstart: A Journey into Java Programming Fundamentals

Aug 2023

AskLex PH Academy

Lean Six Sigma White Belt Certification

Aug 2022 - Jan 2023

STI College Rosario

On the Job Training Program (Registrar position)