



MIRO IVAN D. SARTE

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OBJECTIVE

I am an aspiring software developer with a strong passion for developing web and mobile-based applications. I seek to leverage and expand my skills by implementing innovative solutions to address the challenges businesses face. I am eager to learn, grow, and contribute to a forward-thinking company where I can make a meaningful impact.

EDUCATION

STI COLLEGE ROSARIO
COMPUTER ENGINEERING
August 29, 2024

CAPSTONE PROJECT

"AUTOMATED MILKTEA MACHINE WITH SELF SERVICE KIOSK AND MOBILE BASED ORDERING SYSTEM"

- Designed and developed a mobile-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 and cloud storage into the app to manage customer accounts and save order history.
- Integrated the PayPal Checkout API for cashless transactions with customers.
- Designed schematic diagrams, 3D models, flow charts, and block diagrams.

EXPERIENCE

DANAM PHILIPPINES
LEAN TECHNICIAN
July 2022 - September 2023

- 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.

SKILLS

- Proficient in website development using HTML, CSS, JavaScript, and React.
- Experienced in Android development using Kotlin, Java, and Firebase (Real time database and Cloud Storage).
- Competent in version control systems such as Git and GitHub.
- Experienced in RDMS using MYSQL database.
- Skilled in using developer tools such as VS Code and Android Studio.
- Proficient in creating embedded systems using C++ and programmable boards.
- Experienced in creating mockup designs using Figma.
- Skilled in creating 3D and 2D designs using Spline, AutoCAD, and SketchUp.