MOHAMED ZIDANE MARICAN

SINGAPORE, SINGAPORE 96101659

DETAILS

Singapore
Singapore
96101659
MohdZidane@outlook.com

LINKS

linkedin

Portfolio Website

SKILLS

Drawing (Industrial Design)

Computer-Aided Design (Solidworks, Inventor, Fusion360)

Mechanical Engineering

Fabrication

Coding (C, C++, Embedded C, Python)

Embedded Systems (Microcontrollers)

Systems Engineering

Robotic Operating System (R.O.S 1, R.O.S 2, Gazebo)

Familiarity with YASKAWA ecosystem

LANGUAGES

English

Basic Tamil

PROFILE

Passionate to deepen my knowledge pool and get hands-on experience in designing, building, and programming robotic systems. Experienced in integrating technologies and using various workshop equipment to create innovative solutions. Experienced with working with micro-controllers (STM32, Raspberry Pi, Arduino), sensors, and actuators, and experienced in programming languages such as C, C++, and Python. Familiar with the full development life cycle from concept to testing due to my course with Systems Engineering.

EMPLOYMENT HISTORY

Internship at Hope Technik Pte Ltd
Mar 2019 — Sep 2019

Was part of various projects from different industries such as Defense and Commercial.

Aided in Computer aided designs of parts and assemblies.

Aided in Fabrications and mockups to serve as proof of concepts for stakeholders.

Went for onsite projects as support to the engineering team.

Firefighter at SINGAPORE CIVIL DEFENCE FORCE
Oct 2020 — Aug 2022

Served the community

First Aid Certified

Fire Safety trained

Robotics Intern at YASKAWA Asia Pacific, Singapore
Jan 2025 — Dec 2025

Worked on Industrial Robots.

Learnt how to maintain upkeep of robot and also was spearheading Research and Development efforts. Was also involved in assisting the team with demonstrations and troubleshooting of issues.

EDUCATION

Mechanical Engineering, Singapore Polytechnic
Apr 2017 — May 2020

Bachelor(Hons) Degree in Robotic Systems, Technology
Aug 2022 — Present

COURSES

Apply Workplace Safety And Health In Process Plant, NTUC Learning Hub
Feb 2025 — Feb 2025