

# MOHAMED ZIDANE MARICAN

📍 SINGAPORE, SINGAPORE    📞 96101659

## ◦ DETAILS ◦

Singapore  
Singapore  
96101659  
[mohamedzidane@outlook.com](mailto:mohamedzidane@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)

## ◦ LANGUAGES ◦

English  
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 microcontrollers (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

March 2019 — Present

Was a mechanical engineering intern: Aided in Computeraided design Aided in Fabrications and mockups Wentfor onsite projects



### Firefighter at SINGAPORE CIVIL DEFENCE FORCE

October 2020 — Present

mandatory National Service



## EDUCATION



### Mechanical Engineering, Singapore Polytechnic

April 2017 — May 2020



### Bachelor(Hons) Degree in Robotic Systems, Technology

August 2022 — Present