

# MUHAMMAD IKHWAN BIN SAIDI

## Mechanical Engineer

Active, eager to learn new things, committed to work and responsibility, good presentation skills, and the ability to work in a large group setting.



✉ ikhwansaidi13@gmail.com

☎ +6019-8418935

📍 Puncak Alam, Malaysia

## EDUCATION

### Bachelor In Mechanical Engineering

University Teknologi MARA (UiTM)

10/2019 - 08/2022

CGPA 2.77

### Diploma in Mechanical Engineering

Universiti Teknologi MARA (UiTM)

06/2016 - 10/2019

CGPA 3.20

## WORK EXPERIENCE

### Drafter

#### Innovasi Anggerik Sdn Bhd

02/2022 - 05/2022

Klang, Selangor

##### Achievements/Tasks

- Assigned to improve design with relevant engineering approach.
- Calculating dimensions, weight limitations and requirements in materials.
- Create detailed designs with computer-aided design (CAD) software.
- Ensure final designs comply with regulations and quality standards.

### Chief Designer

#### JJACTFAST Sdn Bhd

06/2021 - 09/2021

Shah Alam, Selangor

##### Achievements/Tasks

- Design and develop proper packaging machine using SOLIDWORK.
- Enhance working process of packaging machine.
- Develop a new method to improve the working process of packaging machine.
- Using Finite Element Approach (FEA) to improve the current design.

### Assistant Engineer of Quality Control Team

Perusahaan Otomobil Nasional (PROTON)

02/2019 - 05/2019

Shah Alam, Selangor

##### Achievements/Tasks

- This is my first internship. My duty is to design jigs and increase jig accuracy in the assembly line, which has provided me with important experience in a real-world working setting.
- Designing using CATIA from plan into 3D software.
- Run an analysis towards the design suggested by the engineers.

## SKILLS

MICROSOFT OFFICE



CATIA V5



SOLIDWORKS (AutoCAD)



MANAGEMENT SKILLS



FINITE ELEMENT ANALYSIS



## SPECIAL INVOLVEMENT PROJECTS

### Seat Manipulator (PERODUA) (02/2022 - 05/2022)

- Design and improve seat manipulator using SOLIDWORKS and Inventor.
- Conduct tracking progress to fabricate the seat manipulator.

### Design and develop packaging machine (06/2021 - 09/2021)

- Improvement done towards the conveyor process which is able to pack multiple cubes in one time process.
- Improve the suction cup to lifting the cube into its mold.

### Kaizen Jig in production line (02/2019 - 05/2019)

- Analyze the root cause of defect from the jig to the body part.
- Design new jig to improve the production time in production line.

## TRAINING INVOLVED

Industry Certification Engineering – Digital Engineering Prototyping (ICE-DEP) Programme (07/2022 - 08/2022)

Leadership in Digital for a Future Forward Nestlé. (06/2022 - 07/2022)

## LANGUAGES

English  
Full Professional Proficiency

Bahasa Malaysia  
Native or Bilingual Proficiency

Japanese  
Limited Working Proficiency

## INTERESTS

Technology

Photography

Designing

chess

Music