

**MUHAMMAD FAIZULHIDI BIN ABD MANAN**  
**Bachelor's Degree in Mechanical Engineering with Manufacturing**

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Current address:  
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**BANDAR BARU PERMAS JAYA**  
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Mailing address:  
**JKR 1683-B(P) RUMAH GURU**  
**SEK. KEB. SENING**  
**81900 KOTA TINGGI, JOHOR**



**Experience Level: Total 2 Years of Experience**  
**Expected Salary: MYR 2900.00**

**OBJECTIVE:**

To continue growth in career, knowledge and leadership, excel in innovative engineering application, and real world engineering challenges as an engineer in mechanical engineering field.

**COMPETENCIES:**

**Leadership**

- Focus on overall coordinate, assembly, test and install the machines as assistant engineer at CFI Engineering.
- Lead a team of development engineer to perform reliability, quality improvement and manage a group of NPIC(New Product Innovation Centre) to perform development task and project of the new product at Panasonic AVC Networks Johor in 2012-2013.
- Lead and 'Youth Hated Drugs Week' 2007, and served as Special Task Force Leader – 100+ students involved.

**Analytical**

- Engaged in creative solid work competition – qualified in final round to university level
- Research and Development of Mechanical Design's Project and serve as Designer.

**EXPERIENCE & ACTIVITIES:**

- Committee of MECHFEST'o8 organized by Mechanical Engineering Professional Student Club (MECHAPRO)
- Research Participant of Developing a Correlation Map between Learning Styles, Reading Materials and Creativity.
- Member of The Institution of Engineers Malaysia (IEM), Grade Student (40906), 2010 – present.
- Member of Mechanical Professional Student Club (Mechapro) UMP, 2007-2010

**EMPLOYEMENT HISTORY:**

<b>1. Company Name</b>	: Panasonic AVC Networks Johor Malaysia Sdn. Bhd.	<b>From/To</b>	: Jan 2012 to Present
<b>Position Title</b>	: Mechanical Engineer	<b>Position Level</b>	: Executive
<b>Specialization</b>	: Engineering - Mechanical		
<b>Role</b>	: R&D Engineer		

**Industry** : Manufacturing / Production

**Monthly Salary** : MYR 2,645.00

**Work Description** : Responsibility:-  
 -In-line with new product / model development  
 -Study and analyst product development from prototype to finish goods and liaise with other department / personnel to finalize the outcome.  
 -Assist / Support to other related department along the process  
 -Cooperate and follow up with Process or Project management to ensure smooth process during production.  
 -To review product design for compliance with customer requirements and related specifications.  
 -To coordinate activities concerned with technical development, scheduling and resolving engineering design and test problem.  
 -To direct integration of technical activities and products.  
 -To evaluate design changes, specifications and drawing releases.  
 -Attend mould testing, Conduct fitting & function test, review measurement data and prepare for pre-production.

Experienced:-  
 -Performing product analysis & new product design  
 -Perform new product development & to produce quality product on schedule  
 -Knowledge in Plastic Injection Molding, Metal stamping, product packaging & secondary process(silkreen, tempo printing, hot stamo, etc).  
 -Support production on technical, quality knowledge and design improvement issue  
 -Lead a team of development engineer to perform reliability and quality improvement of the product.  
 -Liaise with production and engineering dept for any mechanical and development issue.  
 -Lead and manage a group of NPIC(New Product Innovation Centre) to perform development task and project.  
 -Follow up production on Corrective Action & Preventive Action.  
 -Support QC Supervisor on quality root cause analysis.

**2. Company Name** : OSV Engineering Sdn Bhd **From/To** : Jul 2011 to Nov 2011

**Position Title** : Design Engineer **Position Level** : Executive

**Specialization** : Engineering - Mechanical

**Role** : CAD-CAM/Mechanical Drafter

**Industry** : Construction / Building / Engineering

**Monthly Salary** : MYR 1,950.00

**Work Description** : -Produce conceptual designs for air-conditioning systems based on client requirements and project documents.  
 -Design air conditioning and ventilation unit using AutoCAD to provide the required performance fit into the available space and to incorporate the required components.  
 -Detect duct work and piping systems.  
 -Detailing special components such as fire dampers, pressuring dampers, axial fans and grilles.  
 -Produce record drawings of completed projects.

**3. Company Name** : CFI Engineering Sdn Bhd **From/To** : June 2010 to Apr 2011

**Position Title** : Assistant Mechanical Engineer **Position Level** : Junior Executive

**Specialization** : Engineering - Mechanical/Automotive

**Role** : Mechanical Engineer

**Industry** : Manufacturing / Production

**Monthly Salary** : MYR 1,900.00

**Work Description** : 1) Project management for mechanical assembly process  
 2) Machine piping layout & connection  
 3) Pneumatic & hydraulic system control  
 4) Packing & shipping procedure  
 5) Focus on overall in-charge, coordinate, assembly, test and install the machines as per schedule.  
 6) Specialized on auto machine maker such as Leak Tester Machine, Washing Machine, Handle Conveyor Machine, Buffing Machine and Press Machine.

**4. Company Name** : CFI Engineering Sdn Bhd **From/To** : Jan 2010 to June 2010

**Position Title** : Internship Program **Position Level** : Trainee

**Specialization** : Engineering - Mechanical/Automotive

**Role** : Technician/Support

**Industry** : Manufacturing / Production

**Monthly Salary** : MYR 500.00

**Work Description** : Design and assemble new ordered machine by customer using SolidWorks...  
 Read drawing from design department of new machine...  
 Assemble the machine base on the drawing given....  
 Help solving the technical problem during assembly process such as modified part of the machine...

#### SKILLS:

- Fluent in B. Melayu written and spoken - good in English.
- Able to complete a task given in critical time.
- Have driving license D.
- Knowledgeable in Microsoft Office application, ALGOR, Unigraphics NX6, and Matlab.
- Intermediate in SolidWorks and AutoCAD, UG NX6 and FemPRO.
- Conventional Milling Machine, Conventional Lathe Machine, other fabrication task including grinding, drilling etc.

#### EDUCATIONAL BACKGROUND:

**Bachelor's Degree in Mechanical Engineering with Manufacturing, July 2010**

**University Malaysia Pahang**

**CGPA: 2.91 – Second Class (Lower)**

Dean List for semester 7 (UMP, 2009-2010)

#### Major Courses :

- Computer Programming, Statics and Dynamics, Mechanical Laboratory 1 & 2, Engineering Mathematics 1 & 2, Engineering Materials, Strength of Materials.
- Computer Aided Design, Electrical and Electronics Technology, Engineering Mechanics Lab 1 & 2, Engineering Mathematics 3 & 4, Fluid Mechanics 1 & 2, Thermodynamics 1 & 2.
- Manufacturing Processes (Injection Molding, Casting, CNC and etc), Automatic Control, Mechanical Design, Heat Transfer, Measurement and Instrumentation, Mechanical Vibrations, Industrial Engineering, CAE & Failure Analysis, Final Year Project 1.
- Design for Manufacture & Assembly, Final Year Project 2, Plastic Technology, Production Planning Control, Soft Skills 1 & 2.

**Johore Matriculation College, Tangkak May 2006**

**CGPA: 2.19**

**PERSONAL CHARACTERISTICS:** \_\_\_\_\_

Highly Motivated, Dedicated, Hardworking, Disciplined, Creative, Positive Thinking and Responsible.

Date of Birth : 4 Sep 1988

Nationality : Malaysia

Gender : Male

IC No. : 880904-01-5781

Driving license : D

Possess Own Transport : Yes

Expected Salary : MYR 2900.00

Availability : Available after 2 month of notice.

**REFERENCES:** \_\_\_\_\_

Prof. Madya Dr. Rosli Bin Abu Bakar  
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