

PERSONAL DETAILS

NAME : MOHAMAD ZULHAZMI BIN CHE MAT
D. O. B. : August 05, 1992
GENDER : Male
I/C NUMBER : 920805-03-5289
RACE : Malay
RELIGION : Islam
NATIONALITY : Malaysia
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MARITAL STATUS : Single
STATUS : Fresh Graduate

**EDUCATIONAL QUALIFICATIONS**

BACHELOR'S DEGREE (HONORS) IN MECHANICAL ENGINEERING (SEPT 2011 – JUN 2015)	
HIGHEST EDUCATION	Universiti Tun Hussein Onn Malaysia (UTHM), Johor
RESULT OBTAINED	Overall Pointer (CPA: 3.35/4.00)
ATTENDED ACADEMIC COURSES	Static Engineering, Fluid Mechanic, Solid Mechanic, Technology of Electric and Electronic, Thermodynamics, Dynamics, Mechanic of Machines, Heat Transfer, Design Engineering, Control Engineering, Internal Combustion Engine, Aerodynamics, Vibration and Noise, Finite Element Method, Energy Management
MATRICULATION (MAY 2010 – MAY 2011)	

2nd HIGHER EDUCATION	Pahang Matriculation College, Gambang, Pahang
RESULTS OBTAINED	Overall Pointer (CPA: 3.22/4.00)
ATTENDED ACADEMIC COURSES	Physics, Chemistry, Mathematics
SIJIL PELAJARAN MALAYSIA (JANUARY 2008 – DECEMBER 2009)	
3rd HIGHER EDUCATION	Sekolah Menengah Kebangsaan Kg Chengal, Kota Bharu, Kelantan
RESULT OBTAINED	3As, 4Bs, 3Cs
ATTENDED ACADEMIC COURSES	Bahasa Melayu, English, English for Science and Technology, History, Pendidikan Islam, Mathematics, Additional Mathematics, Physics, Chemistry, Biology.

EMPLOYMENT HISTORIES

<p>INTERNSHIP (JUNE 2014 – SEPTEMBER 2014)</p> <p>Venturi Technic (VenTech) Consult, Lot 107, Tingkat 2, Seksyen 23, Jalan Telipot, 15150 Kota Bharu, Kelantan.</p>	<p><u>Job Description</u></p> <ul style="list-style-type: none"> • Interface and coordinate with contract design, construction and estimating resources to enable facility development of design concepts, completion of detailed design and safety requirements along with facilitating project commissioning activities. • Responsible for the engineering and design reviews of electrical systems and various mechanical systems. <ul style="list-style-type: none"> ○ Sanitary and Plumbing Services ○ Electrical and Lighting Services ○ Fire Fighting and Fire Alarm Services ○ Air-conditioning Services ○ Elevators • Being responsible for scope development, engineering and design along with appointed consultants to enable the construction of various buildings, facilities and the installation of mechanical & electrical services. • To oversee the execution of project works and ensuring that it is within the timeframe. • To plan for execution and implementation of various projects undertaken by the company. • Responsible to interface with other company, customer and supplier representatives. • Manage, supervise and coordinate all site activities (including sub-contractors) to ensure project documentation is well-kept and based on the resource available.
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	<ul style="list-style-type: none"> Daily reporting about work progress, non-compliance, delay of work. <p>Projects</p> <ul style="list-style-type: none"> One Resident Apartment (Cherang, Kota Bharu) Platinum Wholesale City (Jln Kg Sireh, Kota Bharu) Habib Hotel (Jln Maju, Kota Bharu) Kentucky Fried Chicken (Bachok, Kelantan) Masjid Kota (Jln Pintu Geng, Kota Bharu) Majlis Agama Islam Kelantan (Lundang, Kota Bharu)
OTHERS (Part Time)	<p>G. Seng Cars Sdn. Bhd</p> <ul style="list-style-type: none"> Serve as a mechanic Responsible for repairs and services cars <p>Chong Motor Trading</p> <ul style="list-style-type: none"> Serve as a mechanic Responsible replace spare parts and repairs motorcycles <p>CWSS Trading</p> <ul style="list-style-type: none"> Mobile phone accessories promoter

CO-CURRICULUMS & ACHIEVEMENTS

Engineering Membership/ Professional Membership

- Construction Industry Development Board (CIDB) Green Card
- Graduate Member Board of Engineers Malaysia (BEM)

University of Tun Hussein Onn Malaysia (UTHM), Batu Pahat, Johor

- Coordinator, KULIAH PEMBANGUNAN INTEGRITI ISLAM (2013)
- Coordinator of FORUM ISLAMO PHOBIA TALK (KISS'11) (2011)
- Committee Member of KEM MAHASISWA ISLAM (KEMESIS'11) (2011)
- Participant of University of Engineering Dean's List (GPA 3.75 and above) (2011-2012)
- Committee Member of KURSUS ASAS BRIDGE RELA SISWA SISWI (RELASIS'12) (2012)
- Committee Member of SEMINAR PENGURUSAN JENAZAH (2012)
- Innovator of INNOVATION EXHIBITION OF MECHANICAL ENGINEERING STUDENTS (2014)

S.M.K. Kampong Chengal

- Secretariat, KEM ADIKKU SAYANG (KASA'08) (2008)
- Member of KURSUS BINA NEGARA ASAS PEMIMPIN BELIA (2008)
- Member of SEMINAR SKOR A SPM 2009 (2009)

PROJECTS DURING THE STUDY

COMPLETED PROJECT TITLES	OBJECTIVES
BACHELOR'S DEGREE YEAR PROJECT (2014 - 2015) Study of 2.5L Diesel Dual Fuel Engine (Toyota Hilux 2KD-FTV)(using ANSYS software)	<ul style="list-style-type: none"> • To study the mixing process of the compressed natural gas and diesel in diesel dual fuel engine in the cycle of intake, compression, combustion, power and exhaust stroke. • To complete the half cycle of the ICE simulation by using Ansys software. • To study the flow characteristics inside the combustion chamber based on valve lift timing using computational software which includes making a 3D computational model of the combustion chamber.
ENERGY MANAGEMENT'S PROJECT (2015) Energy Audit of Electrical Faculty (Wing B) in UTHM	<ul style="list-style-type: none"> • To minimise energy costs / waste without affecting production & quality • To minimise environmental effects.
DESIGN ENGINEERING'S PROJECT (2014) Analysis and Design the Gearbox System in Conveyor System	<ul style="list-style-type: none"> • To design a suitable gearbox or transmission system this applied at the conveyor system. • To generate and conceptualize particular factors those influence the desired load capacity and not vary with the proper gearbox ratio towards the rotational motion of transmission system. • To optimize the transmission system by analyzing and thorough iteration procedure especially at the critical point in order to avoid wear and failure on which draws and based on the standard requirement. • To simulate and apply the theory of this analysis into the occurring fact and actual situation.
INTERNAL COMBUSTION ENGINE'S PROJECT (2014 - 2015) The Study of Bio Additive Fuel on Performance and Emissions of Bio-Petrol Engine	<ul style="list-style-type: none"> • To investigate and study on the development of performance and reducing the emissions of bio-petrol engine by the use of additive fuel. • To study the effect of ethanol addition to gasoline on oxides of nitrogen, hydrocarbon, exhaust gas temperature, and thermal efficiency

LANGUAGE SKILLS (Proficiency Worst–0, Best-10)

LANGUAGE	SPEAKING (out of 10)	WRITING (out of 10)
MALAY	10	10
ENGLISH	8	8

ABILITIES & SKILLS**Abilities**

- Skilled student proficient in performing duties efficiently and well.
- An energetic, team player, discipline and work well under pressure with minimum supervision.
- Possess good communication skills and leadership qualities and have passion for the engineering.
- Well verse with engineering drawings and principles.
- Efficiency to work methodically and precisely
- Motivated and open minded to work in complex environment and projects.
- Efficient project management and organizational abilities.

Skills	
<p><u>TECHNICAL</u></p> <ul style="list-style-type: none"> • Welds Machine • Lathe Machine • Milling Machine • Grinding Machine • EDM Wirecut 	<p><u>SOFTWARE</u></p> <ul style="list-style-type: none"> • MasterCAM • Could operate effectively with MS Office (Words, Excel, Powerpoint, Movie Maker, Publisher and Project) • AutoCAD • SolidWork • ANSYS • Origin • Minitab • LISA

OTHER RELEVANT INFORMATIONS

PERSONAL INTEREST	Traveling, Football, Futsal
DRIVING SKILL	B2 and D
EXPECTED SALARY	RM 2,500 (negotiable)
AVAILABILITY	Immediately

REFERENCES

Dr. Ibrahim Bin Masood	Senior Lecturer of Mechanical Engineering Department, Faculty of Mechanical and Manufacturing Engineering, Tun Hussein Onn University of Malaysia, Beg Berkunci 101, Parit Raja, 86400 Batu Pahat, Johor. Contact No. : 012-7506367 Email: ibrahim@uthm.edu.my
Ir. Roslim Bin Che Ibrahim	General Manager of VenTech Consultant, Lot 107, Tingkat 2, Seksyen 23, Jalan Telipot, 15150 Kota Bharu, Kelantan Contact No. : 09-7471211 Fax No. : 09-7475064 Email : ventechconsult@gmail.com