

Mohammad Firdaus Hashim

**Bachelor of Electrical and Electronics (Hons),
Major in Computer Systems, Minor in Automation and Robotics.**



CONTACT DETAILS

Email : mfh_my@yahoo.com
Phone (HP) : 016 - 5682076

PERSONAL PARTICULARS

IC Number	: 841227-04-5155	CGPA	: 2.78
Gender	: Male	Nationality	: Malaysian
Race	: Malay	Marital Status	: Married
Religion	: Islam		

PERSONAL TRAITS

I am a trilingual spoken person, as I can fluently speak in Chinese, English and Malay. My contemporaries describe me as an active, friendly and independent person. I am an adaptable person and willing to learn.

EMPLOYMENT HISTORY

Company : **Trisystems Engineering Sdn. Bhd.**



Post/Duration : Project Engineer Trainee / 8 months [December 2005 – July 2006]

Tasks Done :

- Assisted in CAD work on Loop Diagram for Tembungo-A Platform FGS and ESD Project.
- Programming Triconex's Tricon PLC for Teluk Salut Combined Cycle Conversion Power Turbine Protection System Project
- Exposed to various Engineering work and some Sales work on the company. A few outstation task, involving Yokogawa Kontrol and Invensys Foxboro (M) Sdn Bhd.
- Gone through intensive Training for Tricon PLC, MTL MOS, and others.

Company : **Johnson Controls (M) Sdn. Bhd.**



Post/Duration : Customer Service Representative / [July– Aug 2007]

Tasks Done :

- Manage New Zealand Shell Service Station's Work Order logging and classifications.
- Assisted in customer service calls for inquiry, verification and station's problem report.

Company : **Vision One Sdn. Bhd.**

Post/Duration : Telecommunication Engineer [Oct - Nov 2007]

Tasks delivered:

- Design, installation and commissioning of Maxis indoor carrier Signal Amplifier for industrial client in Kedah, KL and Penang.
- Using Ericsson's software to register, track and report the carrier signal strength for selective routes and consolidation of peninsular-wide data collection.
- Major exposure to design and hands-on tower-client carrier telecommunication testing and troubleshooting.

Company : **Malaysia LNG Sdn. Bhd.**



MALAYSIA LNG SDN. BHD.

Post/Duration : Superintendant for HVAC [Nov 2007 – 2010]

Electrical Field Maintenance Engineer for MLNG Dua Area [2010 – Dec 2013]

Senior Engineer Electrical for Utility Area [Jan 2014 – Mac 2015]

Electrical Central Planning Engineer [Apr 2015 – Apr 2016]

Tasks delivered:

- Lead HV motor (500kw) major repair work and lube oil leak case (7.3MW).
- In-charge for LV motors, MOV and other electrical maintenance budgeting and scheduling.
- Involve in troubleshooting and maintenance of HVAC systems in MLNG.
- Participate in incident investigation and RCA (Root Cause Analysis).
- Planning, Budgeting, Audit Programme for MLNG Electrical Engineering
- Responsible for configuration and utilization of MLNG PMMS (Petronas Maintenance Management System).

INTERESTED AREA OF WORK

- Multidisciplinary Engineering design and operation
- Resent Development of Elementary particle physics
- Sharing of Science and Universe to Secondary Schools students

SOFTWARE/APPLICATION/TOOLS PROFICIENCY

Programming	<ul style="list-style-type: none">• VHDL and Verilog HDL• Basic HTML, VBS Scripting.• Microsoft Visual C++• Borland C++• Microsoft Visual Basic .NET
Application Console	<ul style="list-style-type: none">• MATLAB• PSPICE• Electronic Workbench• Adobe Photoshop
Basics	<ul style="list-style-type: none">• Microsoft Office Tools (Word, Excel, Visio)• Computer Networking
Electrical & Electronics	<ul style="list-style-type: none">• Basic circuit troubleshooting• PSpice circuit simulation and PCB Design• Used to Analog and Digital Oscilloscope• Experienced with ASIC/PLD Design Tool• ETAP software for Electrical Power System modeling and design verification• Mathematica Software

REFEREES

1. Ir Anuar Ahmad

Principle Engineer
Malaysia LNG Sdn Bhd.
PO Box 89, Tanjung Kidurong,
97007 Bintulu, Sarawak.

E-mail:
anuarahmad@petronas.com.my

Tel: +6019-8855600

2. Mr Ikat ak Das

Technical Professional – Generation
Malaysia LNG Sdn Bhd.
PO Box 89, Tanjung Kidurong,
97007 Bintulu, Sarawak.

E-mail:
igat@petronas.com.my

Tel: +6019-8243831