



MUHAMMAD ASRAR BIN OTHMAN

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Date of Birth: [29 June 1992] **Age:** [30 years old]

EXPERIENCES

1 May 2017 -Present	Pipeline Network Sdn Bhd Director in Telematics Dept <ul style="list-style-type: none">- Manage Telematics Business.- Projects related to Petronas PCG, SILS Transportation , Globonus Telematics Device. Hardware Engineer <ul style="list-style-type: none">- Manage projects related to IOT Hardware.- Projects related to PGA Kuantan, FGV Jerantut, GPS telematics, VTOL Drone with UMP.- Creating 3D printed hardware. CEO at AO Technology Enterprise <ul style="list-style-type: none">- Operate own Telematics Business.- 3D printer service.- Creating IOT device.- Excel Macro System.
6 Sep 2016 -30 Sep 2016	Trainee for Khazanah Nasional SL1M : Green Programme <ul style="list-style-type: none">-Soft- Skill Training.
29 June2015 - 6 Sept2015	Syarikat Elektrik Gemini, Pahang [Trainee] <ul style="list-style-type: none">-Troubleshoot electrical wiring.-Study about design the wiring system.
6 June 2013 - 9 Sept2013	Vast IT Sdn Bhd, Pahang [Promoter & Technician] <ul style="list-style-type: none">-Known about computer and how to build a best computer.-Good in troubleshoot for computer hardware and software.-Repairing Laptop and PC.
5 Nov 2012 - 22 Feb2013	UniSEM Sdn Bhd, Perak [Trainee] <ul style="list-style-type: none">-Final test Department.-Support engineer and technician workload during pre-production.-Collecting data and do the failure analysis.

EDUCATION BACKGROUND

Sept 2013 - June 2016	Universiti Malaysia Perlis Degree of Microelectronic Engineering CGPA: 2.64
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July 2010 - Feb 2013	Universiti Malaysia Perlis Diploma in Microelectronic Engineering CGPA: 2.69
Jan 2007 - Dis 2009	Sekolah Menengah Teknik Dungun, Terengganu Sijil Pelajaran Malaysia (SPM)

PERSONAL SKILLS

Malay Language				
English Language				
Teamwork				
Leadership				
Communication				
Problem Solving				
Creativity				

TECHNICAL SKILLS

Arduino Language				
Microcontroller 8051 Language				
Microprocessor 8085 Language				
Microsoft Office				
Wafer Fabrication				
Circuit Analysis And Troubleshooting				
Failure Analysis				
IC Design (Mentor Graphic)				
Photoshop CS5				
Adobe Illustrator CS5				
AutoCAD 3D				
SolidWorks				
SILVACO				
Excel Macro System				

PROJECT AND OTHERS	
Final Year Project (Degree)	Characterization on Rectification Performance of Silicon- Based Self Switching Diodes (SSD) Using Atlas Simulator (SILVACO) - SSD is simple high power diode that only using one step of fabrication to build.
Optoelectronic Project (Degree)	Portable Solar Generator – This design is suitable for 50W solar panel to charge 12V lead acid battery. (using Arduino Pro Mini)
Final Year Project (Diploma)	Automatic Car Parking System – Multi-Level parking garage. (using Micro-C 8051)
ACTIVITIES AND REWARDS	
<ul style="list-style-type: none"> - Mikrotik Certified Network Associate (MTCNA). - Participated in Diploma Exhibition Exposure by Microelectronic School of UniMAP. - Participated in Industrial Exposure held by UniMAP. - Participated in Integrated Design Project (IDP) by Microelectronic school. 	

REFERENCES
PIPELINE NETWORK SDN BHD SURYA ARFAH BINTI MD JAMHURI Managing Director C-3A-12, Center Wing, Metropolitan Square, Jalan PJU 8/1, Damansara Perdana, Petaling Jaya 47820 Selangor, Malaysia. Office : +603 7620 9278 Handphone :+601 2685 8376 Email : suryaarfah@pipeline.com.my
EN WAN MOKHDZANI BIN WAN NORHAIMI Deputy Dean,School of Microelectronic Engineering. Handphone : +6019 - 4550327 Email : wanmokhdzani@unimap.edu.my
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