



## Muhammad Norfikri B. Ramlee

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### Resume Summary

Current Position : Project Manager (2015 - Present)

Current Specialization : Engineering - Electronics/Telecommunication

Highest Education : Master's in Engineering (Computer/Telecommunication)

Years of Experiences : 10

### Employment History

#### 1. Binasat Sdn Bhd

Position Title (Level) : Project Manager

Time Period : 2015 - Present

Specialization : Engineering - Electronics/Telecommunication

Industry : Telecommunication Engineering

Work Description :

- Project Manager/coordinator
- Managed teams/ site acquisition
- Preparing Project Documentation and Reporting
- Attend weekly meeting with client
- Preparing project invoices/claim
- Prepare daily tracker/ develop work plan for entire project execution including milestone/timeline

Project Value:

Project	Region	Project Value (RM)
PTN Migration	Sabah&Sarawak	655,000.00
Capacity Upgrade	Eastern&Sabah	141,492.78
Installation (New/Swap/Upgrade)	Nationwide	609,728.02
RRU Relocation	Northern&Southern	282,567.46
DWDM	Central,Southern&Eastern	87,861.90
Ad Hoc Project	Nationwide	203,237.76
TM Fiber	Southern	120,300.00
Celcom Power Audit	Nationwide	50,000.00
TOTAL		2,150,187.92

## 2 . ZHR Global SdnBhd

Position Title (Level) : Telecommunication Engineer  
Time Period : 2014 - 2015  
Specialization : Engineering - Electronics/Telecommunication  
Industry : Telecommunication Engineering  
Work Description :

### i)Murphy Oil Corp (MOC) Project: Telco Engineer (Region : Sarawak/Sabah (offshore/onshore))

- Performed daily preventive maintenance of telecommunication at MOC facilities offshore and onshore
- Performed corrective maintenance and technical support upon MOC request
- Coordinate work schedule for offshore and onshore movement
- Prepare Work Order Proposal (WOP) in order to deliver good service to client as well as making profit to company
- Equipment within my supervision (maintenance, repair, install, commissioning and troubleshooting)
  1. Digital Microwave Radio (DMR) 7G – NEC (iPasolink)
    - Harris StratecAviat (Portal)
    - NERA
  2. Industrial CCTV – Hernis/Yokogawa/OSD
  3. Public Address General Alarm (PAGA) system – Type of alarm system at oil and gas plant
  4. IT and Networking – PC work station including internet, LAN and WAN system
  5. UHF/VHF radio– For marine and operation communication at offshore platform and onshore facilities (Motorola/Furuno/Tait/Sailor)
  6. Fiber optic equipment – troubleshoot fiber network using OTDR as well as splicing work
  7. PABX system including hotline/IP phone
  8. Point-to-point wireless (5G)– Rocket M5
    - Alcon
  9. Cisco router and switch – monitor the network using ping, traceroute command as the entire network is connected to Cisco equipment.

## 3. Propel Network Sdn Bhd

Position Title (Level) : Drive Tester/RF/Project Engineer  
Time Period : 2011 - 2014  
Specialization : Engineering - Electronics/Telecommunication  
Role : Telecommunication Engineer  
Industry : Telecommunication Engineering

Work Description:

### i)YTL Optimisation Project: Drive tester/RF engineer (Wimax)

(Region : Northern/Central)

- Performed Single Site Verification drive of Base Station coverage as well as cluster drive (YTL Communications Sdn Bhd project for YES 4G coverage).
- Optimizing RF condition (RSSI, CINR, Interference, blockage, Loss and etc) in order to achieve customer requirement.
- Using XCAL, XCAP and MapInfo software to run a test, troubleshooting and analyzing the coverage.
- Managing and coordinate work schedule for drive tester teams in order to ensure all work done as per schedule.
- Prepare report and invoice to submit to YTL Communications Sdn Bhd.
- Did cluster drive test and KPI including coverage analysis

### ii)Nokia Siemens Network (NSN) Project for (Maxis): Project engineer/coordinator (2G/3G)(Region : Central) [Project value : RM64,000]

- Project Manager/coordinator
- Managed RF surveyor teams/ site acquisition
- Preparing Project Documentation and Reporting

- Perform rectification when have difficulties on site
- Liaise with customer/weekly progress meeting at customer base
- Preparing project invoices
- Preparing daily tracker/ develop work plan for entire project execution including milestone/timeline

**iii) Samsung Installation Project : Project engineer/coordinator (Wimax/LTE)**

(Region : Northern/Central/Southern) **[Project value : RM200,000]**

- Project Manager/coordinator
- Coordinate Radio Access Service (RAS) installation project for YTL Communication Sdn Bhd (YES 4G broadband)
- Develop work plan for entire project execution including milestone/timeline
- Managed RF installation teams/site acquisition
- Preparing Project Documentation and Reporting
- Perform rectification when have difficulties on site
- Liaise with customer (Samsung/YTL)/ Daily progress meeting
- Logistic & Equipment Delivery coordination and tracking
- Perform site integrate using Teraterm software and commissioning once installation done
- Troubleshoot problem such as GPS, alarm, VSWR, fiber optic, power down and etc.
- Preparing daily tracker and invoices, control cost and budget for the project
- Managed to installed and integrated more than 500 sites within 6 months
- Planning of Work Schedule and coordination for riggers and sub-contractor and on site supervise (5-6 teams)
- Perform site installation quality audit and reporting
- Attend weekly meeting at customer base

**iv) DIGI Antenna Swap Project: Project engineer/coordinator (2G/3G)**

(Region : Northern/Central/Southern) **[Project value : RM350,000]**

- Project Manager/coordinator
- Coordinate the project to make sure it on the right track/ swap from Ericson to ZTE nodeB
- Perform TSS (Technical Site Survey ) before antenna swap activity
- Preparing the TSSR (Technical Site Survey Report)
- Planning of Work Schedule and coordination for riggers and sub-contractors for antenna swap activity
- Troubleshooting and audit on the site if needed
- Monitoring work in progressto improve work quality and to maintain company reputation
- Work on site with team when lack of resources

**v) Nokia Siemens Network (NSN) Project (Celcom): Project engineer/coordinator (2G/3G)**

(Region : Central) **[Project value : RM150,000]**

- Project Manager/coordinator
- Coordinate the project (team arrangement etc.)
- Swap BTS, antennas, FO, RRH, rectifier (new/upgrade), alarm box etc.
- Swap from Ericsson BTS to NSN BTS
- Troubleshooting VSWR and DTF (using site master)
- Preparing the Site Pack, invoice etc.
- Coordinate work schedule and team arrangement
- Work on site with team when lack of resources
- Check on PO and BoQ of the project, control cost and budget for the project

#### **4. R&A Telecommunication SdnBhd**

Position Title (Level) : Field Engineer  
Time Period : 2007 - 2009  
Specialization : Engineering - Civil/Construction/Structural  
Role : Site Engineer  
Industry : Telecommunication

##### **Work Description:**

- Performed technical site survey (U-Mobile project SSR and TSSR including LOS report)
- Designed an antenna for outdoor unit.
- Supervised/monitored an antenna system and equipment installation
- Line-of-sight survey for microwave link (LOS)
- New site survey including CME part, Pre-con survey, and supervise installation for steel work and M&E work.
- Prepare work schedule for sub-contractors in order to ensure all work done on time and Preparing project's BoQ

#### **5. Flextronics Technology**

Position Title (Level) : Troubleshooter  
Time Period : June 2007 - Oct 2007  
Specialization : Engineering - Electronics/Communication  
Role : Electronics Technician/Support  
Industry : Electrical & Electronics  
Monthly Salary : MYR 1700  
Work Description :

- Performed troubleshooting skills on electronic board (PCB) that will be used by Sony Ericson's mobile
- Control performance yield production.
- Play with RF spectrum and analyzer, oscilloscope to detect the symptom problem.
- Can work under pressure.
- To make sure all departments from components mounting to assembly work perfectly in order to minimize error.

#### **Educational Background**

##### **Master's Degree of Engineering (Computer/Telecommunication)**

Major : Telecommunication Systems  
Graduation Date : 2011  
Institute/University : University of Surrey, United Kingdom  
Grade : 2nd Class

##### **Diploma of Engineering (Computer/Telecommunication)**

Major : Telecommunication  
Graduation Date : 2007  
Institute/University : University Kuala Lumpur-British Malaysian Institute, Malaysia  
CGPA : 3.500/4.000

**Skills**

(**Proficiency: Advanced** - Highly experienced; **Intermediate** - Familiar with all the basic functionalities; **Beginner** - Just started using or learning the skill)

**Languages**

(**Proficiency:** 0=**Poor** - 10=**Excellent**)

Language	Spoken	Written
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Bahasa Malaysia	10	10
English	10	10

**Personal Particulars & Preferences**

Date of Birth : 23 June 1986  
Nationality : Malaysia  
Gender : Male  
IC No. : 860623-43-5239  
Possess Own Transport : Yes  
Availability : Immediately after notice period of 2 month(s)

**Additional Info**

Subjects taken in course :

- Analogue Electronics
- Communication Systems
- Digital Engineering
- Linear System Analysis
- Network And Data Communication
- Network And Service Management And Control
- Satellite Remote Sensing
- Principles Of Telecommunication And Packet Network
- Software Analysis And Design
- Power Conversion
- Digital Communications
- Data & Internet Networking
- Digital Signal Processing
- RF Electronics
- Image And Video Compression
- Mobile Communications

**TELECOMMUNICATION SKILLS**

1. Radio Network Planning (Antenna Design)
2. Technical Site Survey for outdoor/indoor coverage 2G/3G/4G LTE
3. Familiar with survey tools: GPS, Compas, Multimeter, Optic power meter, Site Master
4. Commissioning new site completed for CME material
5. Azimut calculation
6. Line of Site (LOS) site survey
7. SSR(Site Survey Report), TSSR (Technical site survey) documentation
8. RF Coverage drive test/analyse/optimize
9. BTS/Node B Installation work
10. Integrate and troubleshooting BTS
11. Can work at site and use test gear such as site master/OTDR/analyser and ect.

**AWARD**

5 times Dean List Award.

I did my Diploma in my home country, under government institution name British Malaysian Institute (BMI) which has collaboration with Britain. The Dean List awards will be given for any student who able to obtain 3.5 of semester pointer.

**References**

Name : Salehudin  
Position : Senior PM  
Company : Binasat Sdn Bhd  
Telephone : 0 12-458 1281

Name : Hew Hon Hing  
Position : Project Director  
Company : Propel Network SdnBhd  
Telephone : 0123212886