**RESUME**

NAME : ARIVAZHAGAN.A Ammaiyappan street

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Pin code:609117

OBJECTIVE

To seek challenging position in field of telecom sector and put my best for the growth of organization

SPECIALIZATION

Having more than 2 ½ YEARS experience in telecom as a FMA ENGINEER,background of installation,GSM,BTS,MULTIRADIO AND MICROWAVE COMMISSIONING,fault analysis and rectification of BTS,as well as multiradio.

PRESENTLY WORKING

* **Client/Customer: HUAWEI Technologies Private Ltd**
* **Company Name: Evolve Technologies Private Ltd**
* **Designation : FMA Engineer**
* **Department : Operation and maintenance**
* **Work Place : Pattukottai – ROTN**
* **Date of joining: 10th may 2017**

BTS ENVIRONMENT

* Installation and Integration of Nokia 2G(Ultra, Flexi, Micro BTS) and Nokia 3G and 4G BTS (WBTS-FSMD,FSMF-SRAN),HUAWEI 2G and ZTE 2G sites.
* BTS Site power distribution, cabling and earthing procedures.
* Installation of BTS equipment from 2+2+2 to 8+8+8 TRX configuration and sector addition.
* Maintenance of Nokia (Ultra, Flexi edge cabinets), HUAWEI and ZTE BTS in 900 and 1800 MHz and 3G,4G BTS and VSWR and SA alarm clearance.
* Clearing TRX faulty case and customer complaint issue.
* Installation and maintenance of Radio.
* Cross connection in PDH and SDH
* Site up gradation work.
* Antenna and cable measurements (VSWR) i.e. return loss, Cable Loss

Measurement using Agilent’s, Bird and Anritsu2 Site Master Tool.

* Setting the clock value using Frequency meter (Both digital and analog meter).
* Measurement of VSWR and Power value between feeder cable and duplexer.
* Responsible for the AT (Alarm testing) of the site.
* Patching of all the alarm cables and AT (alarm testing) of the equipments.
* AT (Acceptance Test) and quality checking of site.
* Installation, Commissioning and Integration of BTS and Transmission Network elements.
* To carry out Network modification from time to time like TRX additions, MW hops reconfiguration and MW reengineering up gradation etc..
* Responsible for carrying out regular preventive maintenance site visits and ensuring the given network.

TRANSMISSION ENVIRONMENT

Installation, Commission, Integration, Operation and Maintenance of

* Nokia’s integrated microwave system using FXCRRI, FXC E1/T1, FIFA, FIQB, FTIB

And FIPA cards.

* Nokia’s Flexi hopper unit FIU IDU with 15GHz and 18GHz PDH flexi hopper radios.
* Installation and maintenance of CERAGON IDU and radios.
* Installation and maintenance of Nokia eclipse IDU and ODU.
* Installation and maintenance of NEC IDU and ODU (PDH, SDH and IPASO hop).
* Installation and maintenance of BG MUX(BG 20B,BG 20C,BG 20E,BG 64),XDM 100,XDM 300,XDM 500,XDM 2000 and ALU MUX(ALU 1642 EM,ALU 1642 EMC).
* Installation and maintenance of Nokia FPR IDU and ODU.
* Software up gradation works for BG MUX
* E 1 integration and E 1 rooting in SDH and PDH equipments.
* MW Ring plan and execution in SDH

ELECTRICAL ENVIRONMENT

Installation, Commission, Integration, Operation and Maintenance of

* Delta Power Plant.
* Emerson Power Plant.
* ELTEK Power Plant.
* AMARA Raja, HBL, Exide, NARADA Batteries.
* All types of Diesel Generator (D.G).
* All types of Power Interface Unit (P.I.U) and SPS.
* Site survey and material movement.

**PREVIOUS EXPERIANCE**

* **Client/Customer: AIRTEL**
* **Company Name: LAKSHMI Y5 SOLLUTIONS**
* **Designation : NETWORK Engineer**
* **Department : Operation and maintenance**
* **Work Place : MAYILADUTHURAI**
* **Date of joining: 2016**
* **Experience:1 year**

Roles and Responsibilities in Project Environment

* Overall Management of PROJECTS (Roll out, Quality, Expansion, Swapping, NMS Visibility of Flexi Hopper & LTCD installation).
* Coordinating with RCOM, INDUS,ESSAR,Tower Vision ,TATA (ATC)AIRCEL(GTL)for Clearing infra issues and fulfilling Infra requirements from them.
* Allocations of Civil & Electrical Vendors for USO (NSN-Infra) Sites.
* TI material Request to make the site ON AIR.
* Allocation of TI vendors.
* Guiding my Engineers, coordinators of vendors, Team Leaders and

Commissioning Engineers to maintain the Quality of the works in the site.

* Providing Flexi Edge BTS, Ultra BTS, Mini Ultra BTS, Metro BTS, Nokia Flexi Hopper, MW Equipments & LTCD technical support to my team.
* Delivering trainings to [TI Engineers & TI Vendors](http://eshrap01.ext.nokia.com:8001/njc-cm/) for new model equipment implementation.
* Testing and analyzing of functional units periodically.
* Fault and alarm management round the clock
* Implementing microwave media as per planning from Transmission team.
* Coordinating with RF planning Engineers for site creation at Particular BSC.
* Requesting Cluster Managers (O&M) for execution of E1 routing for various cell sites from BSC for the Roll out sites.
* Responsible for Audit of BTS HW Installation and site condition at customer Premises.
* Quality Auditing and ask vendors to Clear If any Quality issues in the sites and AT Documents(Acceptance Test) are carried out for all the vendors
* Vendor skills evaluation & Performance monitoring.
* Coordinate with our customer for resolving any issues in sites Area.
* Sending sites update on daily basis to my Field Manager

## profile Job

* Nokia 2G,3G,4G,Huawei 2G,3G,4G and ZTE 2G BTS installation, Commissioning and Maintenance.
* Ensuring site integration with AT in time.
* E1 rooting in TX equipment (NEC IPASO Link and RTN 905,RTN 910,RTN 950,RTN 950 A and FPR A1200 and PDH Hops) commissioning and maintenance.
* Checking VSWR and POWER MEASUREMENT for newly integrated sites as well.
* Prepare folders for newly integrated sites to invoicing.
* Feeder/Jumper/MW cable routing in tower Horizontal/Vertical Position and replacing RF cable connector and jumper cables.
* Installation of GSM Antenna with given Azimuth and height.
* RF and IF cable laying & routing.
* Installation of All type Microwave antenna and clearing the alignment of MW Antenna (0.3,0.6,1.2,1.8)
* Nokia, ERICSSON BTS, ZTE BTS Expansion.
* Connection of E1 from transmission equipment (MW)**.**
* Battery (200Ah-600Ah) Installation and termination of BBS, SMPS.
* Installation of all Earth system (Indoor, outdoor, RF feeder/cable, surge arrestor, Power plant, battery etc,).
* Through A’ter and ABIS link connection (BSC).
* Site survey for 2G,3G ,4G and UPR link.
* Through OML and GB link connection (BSC).
* Clearing VSWR and BTS alarms and through external alarms from BTS.
* Attending site down cases and getting site restoration quickly.
* TRX addition and TRX deletion
* Clearing MW hop misalignment issue.
* Planning and execution for MW reengineering Hops and form a MW ring and reducing dependency site count.

ACADEMIC PROFILE

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| --- | --- | --- | --- |
| **DEGREE/COURSE** | **INSTITUTE** | **YEAR OF PASSING** | **Aggregate %** |
| B.E(EEE) | Pavendar bharathidasan college of engi&technology  Trichy-24 | 2011-2015 | 80% |
| H.S.C | government higher secondary school  vaitheeswarankoil | 2009-2011 | 85% |
| S.S.L.C. | government higher secondary school  vaitheeswarankoil | 2008 | 60% |

**MAIN PROJE**

**AREAS OF INTEREST**

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* Networking
* Telecom

**TECHNICAL SKILLS**

* + I have finished to “**TALLY 0.9”**
  + Operating systems:windows 7,8 and previous versions.
  + MS Applications:MS word and MS power point.

EXPERIENCE

* 1 year experienced in (network engineer)RF Engineer atAIRTEL Broadband
* 2 ½ years experienced in telecom(FMA ENGINEER) at EVOLVE TECHNOLOGIES.

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PERSONAL DETAILS

Name : ARIVAZHAGAN.A

Date of Birth : 07-12-1993

Father's Name : Mr. k.Anbazhagan

Gender : Male

Marital status : Single

Mother Tongue : Tamil

Languages : English, Tamil, (to Read, Write, Speak)

Communication Address : Ammaiyappan street

kathiramangalam

Athukudi(po)

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Nagai(dist)

Pincode:609117

DECLARATION

I hereby declare that, the above information furnished by me is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Place:Pattukottai SIGNATURE

Date: **(ARIVAZHAGAN.A)**