

RESUME

P.VIGNESH



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Personal Data

Date of Birth: 15/06/95
Gender : Male
Nationality : Indian
Marital Status: Single

Linguistic Ability

To Speak : English
Tamil
Kannada

OBJECTIVE

Seeking a position that will utilize my talent to enhance the growth of the organization.

Educational Qualifications

Course	Institution	Board /University	Year of Passing	Marks (%) Obtained
B.E	Paavai college of Engineering,Namakkal	Anna University	April 2016	74
HSC	Government boys higher secondary school	State Board	April 2012	65
SSLC	Government boys higher secondary school	State Board	April 2010	70

EXPERIENCE

Bharat electronics and limited, Bangalore.

Designation : Engineer trainee,

Duration : From March 2017 to till Date,

Department : Microwave super components,

Roles and responsibilities:

- Hands on experience in using RF equipment like Vector network analyzer, Spectrum Analyzer, Signal Generator, AWG, Communication Service Monitor, Programmable Oscilloscopes, Microscope
- There are Four Vidal role in HDRX which I am participating such as Module testing, Board testing, Receiver testing and Offering to customers
- I have role in testing Microwave Modules such as *Amplifiers, Filters, Switches, Equalizers, Detectors, Mixers using VNA*
- Visual inspection of PCB multilayer boards, and microwave module
- Electrical Testing and debugging of PCBs and microwave modules.
- Testing whole Rf section comes in project such as Microwave module and mixer to mixer, Lo to mixer response using VNA
- After Rf section testing has to do frequency measurement, sensitivity measurement, DF measurement
- If needs correction among measurement has to do Tuning as per procedure.
- After intermediate testing need to do ESS such as Thermal cycling, Random vibration as per ATP

- expertise in maintaining of hardware documents such as schematic, net list, part list, Gerber, master drawing documents, in SAP PLM
- Hands on experience in creating ECR(Engineering Change Report),Purchase request, Store request using SAP PS modules
- Designed both active and passive filters for the RF audio stage using Genesys software and ADS Hands on Experience in Test Document Preparation like Acceptance Test Procedures(ATP),

PROJECT

Homodyne Receiver (Rf and microwave)

Homodyne receiver is a part of ESM and it is used to find DF and Frequency measurement of target, it is based on principle of “Down conversion” in order to convert EM signal into IF signal. it takes RF input from BLI antenna array for high accuracy DF measurement.

Drones in Agriculture

In order to reduce manpower in agriculture field, drones used to spraying fertilizer and monitoring forming land, And we can use as home delivery purpose. and surveillance monitoring

SOFTWARE PROFICIENCY

Advanced system design(ADS), Genesys, AWG, ATE, AUTOCAD, MATLAB, C, C++, Visual studio(Basic),

ADDITIONAL QUALIFICATION

- I have knowledge on soldering and assembly
- **INSTRUMENT HANDELED**
Signal generator, Vector network analyzer, Spectrum analyzer, Programmable Logical analyzer, Programmable Oscilloscope, Arbitrary waveform generator (AWG), Microscope,
- I have designed *Rf circuit* using ADS and Genesys Software
- I have knowledge on EMC testing
- I have designed mini Robots and I have won many prizes in paper presentation and project presentation
- I have published paper , On the title “Haptic technology”
- I have selected as a Microsoft Student Partner.

HOBBIES

Listening music, Singing, Playing Cricket, Drawing, Surfing Net

I hereby declare that all the statements made in above are correct to the best of my knowledge and belief.

Place :

YoursSincerely

Date :

(P.VIGNESH)