

N.PECHIYAPPAN

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CAREER OBJECTIVE

Intend to build a career with leading corporate and utilize my skills and provide opportunity to myself to enhance growth of the organization.

TOTAL WORK EXPERIENCE - 8 Years & 11 Months

Test Engineer
Marquis Technologies
February 2025 - Present

Location: Bengaluru
Project: USA-MOTO

- Skilled in conducting various test covering. Operator acceptance & Functional testing.
- Performing test cases in Pre launching mobile or pre launching software.
- Performing browser test in DUT (Device Under Test) & analyzing speed and compare with reference device.

Network Data Build Engineer
Movate Technologies Pvt Ltd
June 2022 – February 2025

Location: Chennai
Client: Nokia Solutions
Project: USA-TMO Data build

- Analyzing post integration sites whether any alarm indicating like Incorrect cell parameter configuration, IP mismatch & GSCN value mismatch related alarms.
 - Collecting the inputs (PCI, RSI, EARFCN, BW) to make CIQ and SCF and Making the Site commissioning files as per planning data (2G/4G/5G) to integrating the sites.
 - Delivering ASiR type sites, Small cells, DAS sites & COW sites SCFs.
 - Using different type of low bands, Mid bands, TTD cells like L600, L700, N600, N700, L2100, L1900, N2100, N1900, L2500, N2500, N24 & N39G for SCF creation.
 - Changing the parameters as per baseline and following the delivery quality.
 - Making Hardware configurations template for new type of System module, Radio Module & Baseband module combinations.
 - To fetching the live backups from NETACT tool using On-line Web Em and Validating the prepared SCF parameters through offline Web Em.
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RF Optimization Engineer
IWS Pvt Ltd
Nov 2021 – June 2022

Location: Bangalore
Project: Reliance JIO

- Coordinated with Test team to identify faults and to perform debugging.
 - Drive test using See Hawk Collect for analyzing the frequency interference.
 - Performed drive test activity to check the RF Condition's.
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Sr RF Engineer
IWS Pvt Ltd
Jan 2020 – Oct 2020

Location: Dindigul
Project: VIL

- Drive test & Site Optimization- Existing & New Sites for Network. Post Processing and Analysis for Drive test.
 - Optimization of sites such as bad Network, optimize the site to minimize the RF Fail, Call Drops, Call Origination failure and Neighbor list analysis, drop call and data speed analysis.
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RF Engineer
Alpha Associates Pvt Ltd
Mar 2015 – Dec 2019

Location: Salem & Coimbatore
Project: Idea & Aircel

- Drive test & Site Optimization- Existing & New Sites for Network. Post Processing and Analysis for Drive test.
- Handling the customer complaints. Analyzing the RF condition related issue in customer required places.
- Rectifying the issues founded in customer places. Installing the booster in customer place to improve the signal strength.

EXTRA CURRICULAR ACTIVITIES

- Attended the “NATIONAL CONFERENCE ON ADVANCED NANOMATERIALS” organized by Centre for Nano science and Nanotechnology at Periyar University, Salem.

ACADEMIC QUALIFICATION

- I completed BE (ECE) on 2013 with 8.42 CGPA in Paavai College Of Engineering, Namakkal.

PACKAGES AND TOOLS USED

- Data build - Nokia Net Act Tool, WebEM, Slipped Tool, RFDS Server, Incubator, OSDP, NDPD, Magenta Work station
- Drive Test Tools - Tera investigation (10.3, 13.1, 16.3.3, 17.2.4 & 21.2.5)
GENEX Assistant (3.15)
XCAL (M & 5)
See Hawk Collect
- Post Processing Tool - Map info 10.5, 8.8 & 11.5
GENEX Probe 3.15
XCAP-M
- Data Base Tool - MS Office (Excel, PowerPoint, word, Outlook)

PROJECT DETAILS

- A modified linear feedback shift register design for test pattern generation in BIST.
- Home appliance control through the remote control.

PERSONAL INFORMATION

- Date of Birth : 22.12.1991
- Gender : Male
- Nationality : Indian
- Languages : English(R/W/S), Tamil(R/W/S)
- Permanent address : 199, Kurinjinagar, Seelanaickenpatty, Salem-636 201.

DECLARATION

I hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

PLACE:

DATE:

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