Machine learning Engineer

Python Developer

Tiruchchirappalli, Tamil Nadu

Work Experience

Machine learning Engineer

Vanisb

April 2019 to Present

Python Developer

Vanisb

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Delhi, Delhi

April 2019 to June 2019

Job Responsibility:

• Website development using Django REST framework

• Customer handling and consulting for project satisfaction

RF Engineer

Innovis Telecom Service Pvt Ltd

January 2017 to April 2019

Job Responsibility:

• Troubleshoot and provide network monitoring of LTE KPI's based on mobility,
accessibility, retainability and integrity.

• Analyze voice/data traffic and troubleshooting if any abnormalities or shift is found

• Provide first level support for the FM and PM team

• Provide second level support for all technical issues

• Preparing hourly and daily based KPI monitoring report

• Checking alarms and traffic in sites

• Analyzing individual KPI's based on issue found in individual sites

• Create and maintain documentation of the swapped sites

• Work with internal departments to identify and improve efficiency

• KPI Report Analyzing With Optimized Cell Site.

• Solving TAC Mismatch Issues in Sites Where MME and EnodeB Have Different TAC.

• Post processing of Log files using NEMO ANALYSER & ACTIX ANALYSER.

• Analysis of Drive Test files for taking care of External and Internal Interference in the Network, which involves analysis of RSRQ, RSRP, SNR etc.

RF Engineer

Telecom Network Solution

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Chennai, Tamil Nadu

June 2016 to December 2016

Job Responsibility:

• Collection of Drive test data on customer specified routes / cell-sites.

• Identify Solution to Find Uplink and Downlink Throughput Issues, SINR Issues, Poor Coverage, DL
Grant Count, Handover Failure, Modulation Schemes Through Drive Test Analysis.

• Solving Issues Related to CSFB if Not Defined Properly Through Neighbor Definition and Also
Switch, CSFB Configuration Policy, Blind Handover Priority.

• Solving Interference, Bad SINR, Overshooting Cases with the Help of Physical Optimization or RS
Power optimization.

• Preparing SCFT and Cluster reports

• Generating PCI plots, RSRP plots, RSRQ plots, SINR plots and DL & UL throughput plots and reports generation for the customer presentation.

RF Engineer -Vodafone

Integrated Wireless Solutions Pvt Ltd

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Madurai, Tamil Nadu

January 2015 to June 2016

Job Responsibility:

• Collection of Drive test data on customer specified routes / cell-sites using NEMO OUTDOOR & TEMS INVESTIGATION tool.

• Collecting and checking the field data's with the given database.

• Radio Network Tuning & Optimization of the network

- Analyzing the log files and find out the problems like Sector swap, Abnormal handovers, Poor coverage etc..
- Pre and post launch Optimization of the network.
- To identify the coverage dip or problematic area.
- Optimization of UMTS sites based on Coverage-RSCP, Quality-Ec/Io, Pilot pollution, Missing neighbors, Soft Handovers and IRAT Handovers using drive test data's.
- Network-Optimization by drive tests analysis, antenna tilts and antenna orientation changes.

Medical Equipment Service Engineer

Integrated Wireless Solutions Pvt Ltd
January 2015 to June 2016

Job Responsibility:
- Checking medical equipments and to verify equipment reading values as per medical standard values.
- Hardware and board issue resolving for baby equipment, surgical equipment and some monitor's

Education

BE-ECE in Stream of Electronics and Communication Engineering

Nehru institute of Engineering and Technology
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Coimbatore, Tamil Nadu
2009 to 2013

Skills

Machine learning Engineer

Additional Information

Software Skills:
Python - Basic Concepts and OOPS
Machine learning -Classification and Regression, Evaluation Metrics, NLP
- I had done some projects and codes shared with Github.
Artificial Intelligence - Informed search algorithms, Constraint Satisfaction Problems, Game playing, Logical agents
Basic Programming language: HTML
Tools:
- RF Testing Tools- TEMS, Genex Probe with Assistants, Nemo Outdoor.
- Analysis Tools -Actix, MapInfo, Google Earth.