Vishnu Kartha

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Professional Summary

- A technocrat with 6 years of experience in RF Planning & Optimization for GSM, WCDMA & LTE Networks and KPI analysis of the Telecom networks.
- Good experience in analyzing Log files and Reports of KPI, Counters & Parameters for Optimization.
- Diligent, self-motivated, interpersonal and problem-solving skills.

Key Skills

- Telecom proficiency.
    - GSM/UMTS/LTE/NR architecture and call flows.
    - RF Optmization.
    - NetAct.
    - Citrix.
    - OneData.
    - IMNOS.

- Python Programming.

    - Python coding language.
    - Understanding of data structures and algorithms.
    - Object Oriented Programming.
    - APIs.
    - Git and Github.
    - Django

- Microsoft Office

Work History

Junior RF Engineer • Artech Inc, Toronto, Canada
(T-Mobile/Ericsson Project)
August 2021 – December 2022

- Monitoring daily and hourly KPIs for GSM/LTE/NR networks.
- Optimizing mitigation plans for network using OneData and IMNOS softwares.
- NBR identification and planning for new sites in network.
- Collection and distribution of daily logs for optimization planning.
- Preparation of SSV reports.

RF Data Operations Engineer • Nokia Solutions and Networks, Kochi, India
March 2014 – April 2019

- Planning & Optimization of LTE RAN Network based on Statistics & Planning of FDD, 2nd Carrier, Carrier Aggregation, TDD & M-MIMO Sites based on customer requirement and network improvement.
- Planning of FDD & Node B Sites on a monthly basis on the requirement of Customers & Sales Team based on Payload, Node B Baseband Utilization.
- Responsible for optimizing & improving daily KPI for GSM/WCDMA Networks.
- Node B creation & 2G New site creation both at GDC & MSS end with proper follow-up.
- Responsible for maintaining the tracker on WBTS & WCEL Name Change for 3G & BTS & BCF Name Change for 2G.
- Responsible for ADJS, ADJG & ADJW Neighbor Creation & Modification for 3G Networks.

Education

Post Baccalaureate Diploma in Business Management • Cape Breton University, Sydney Canada
May 2019 – May 2021

B.Tech in Electronics and Communication Engineering • Toch Institute of Science and Technology, Kochi India
September 2008 – April 2012

Certification

Google IT Automation with Python
• Google - https://coursera.org/verify/professional-cert/SSJY7CVXWHDB
February 2023
- Crash Course on Python.
- Using Python to interact with the Operating Systems.
- Introduction to Git and Github.
- Troubleshooting and Debugging Techniques.
- Configuration Management and Cloud.
- Automating Real-World Tasks with Python.

Other Details

Nationality: India

Visa: Work permit.

PR – Applied.

References – Available on Request.