



Pardha Saradhi Chandana

Member Of Technical Staff

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Results-oriented and adaptable professional with a strong background in various domains, including telecommunications, technology, and problem-solving.

WORK EXPERIENCE

Member of Technical Staff Mavenir Systems Pvt Ltd.

02/2022 - Present

Achievements

- Conduct O-RAN fronthaul testing, ensuring the seamless integration and performance of fronthaul interfaces to optimize network efficiency.
- Demonstrate strong knowledge of O-RAN C/U/S/M-Planes, effectively contributing to the design and implementation of O-RAN architecture.
- Utilize QXDM/XCAL tools to analyze and troubleshoot network performance, ensuring adherence to quality standards and identifying areas for improvement.
- Proficient in 5G UE-gNB call flows, actively participating in end-to-end testing and troubleshooting to ensure smooth and reliable communication between user equipment and base stations.
- Log analysis and troubleshooting of issues observed in WIRESHARK Log Analyser for eNB Analysis of Targeted eNB with Proper Justification of failed KPIs as per QA Guidelines.
- Monitor and Analyze Regional Market KPIs to Optimize and Determine Network Performance also Identification of Back-haul or Equipment Issues.
- Analysis of neighbor relations and implementation of corrections with Pre- Post KPIs.

Front End Engineer PwC

09/2021 - 02/2022

Achievements

- Strong understanding of gw digital products, core applications and policy lifecycle

EDUCATION

Bachelor Of Technology CMR Institute Of Technology

07/2017 - 05/2021

8.5

Courses

- Electronics and Communication Engineering.

SKILLS

Kubernetes

Python

Java

ACHIEVEMENTS

Got qualified in National Talent Search Examination.

PERSONAL PROJECTS

NR (gNb) Module Testing and RF UE conformance testing

- Responsible for writing test cases for SUT and verifying the response.
- Basic sanity testing (cell search, full frequency scan and all MIB and SIB decoding) for NL module.
- To validate the RRC features in mobile handsets against the protocol specifications provided by 3GPP 36.523, 36.331, 36.321.
- Testing include main functions like Broadcast of S.I, Paging, RRC Connection establishment, RRC Connection Reconfiguration, RRC Connection Release. Radio Link Failure etc.
- Analyzing Log file and debugging if test fails. Updating results in management tool for each feature that has been executed.

NR (gNb) Module Testing respective to scenarios.

- Validating different interfaces when up/down, CU/DU/MidHaul pod recoveries.
- Validating the UL MIMO on Sync and Semi-Sync.
- Verified RTT, Alarms.

CERTIFICATES

Python for Everybody

Certified by Udemy

Object Oriented Programming with Java

Certificate by Coursera

LANGUAGES

English
Full Professional Proficiency

Telugu
Full Professional Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Playing Badminton