

Jayendrakumar L.A.

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Career Summary

Dynamic and results-driven Telecom & Wireless Professional with 8+ years of experience in RF Optimization, RAN Data Build, Device Testing, and Wireless Network Planning across GSM, WCDMA, LTE, VoLTE, and 5G technologies. Proven expertise in network design, KPI analysis, device validation, and optimization for Tier-1 clients including Nokia, Motorola, Vodafone, Huawei, and Google. Experienced in global projects spanning USA and LAT-AM markets, ensuring network quality, device performance, and seamless customer experience. Seeking to leverage strong technical and analytical skills in an international telecom role.

Education

Bachelor of Engineering (Electronics & Communication)

Institution: P T LEE COLLEGE OF ENGINEERING & TECHNOLOGY

University: Anna University

Year passed: 2012

Core Competencies

- **Wireless Technologies:** GSM, WCDMA, LTE, VoLTE, 5G
- **RF Engineering:** Drive Testing, RF Optimization, KPI Analysis, Coverage Planning
- **RAN Engineering:** Site Creation, Parameter Audit, Data Build (SCF/XML), Swap & Greenfield Integration
- **Device Testing:** Pre-FIT, Regression, Field Validation, Operator-Specific Testing
- **Tools:** NetAct, CM Editor, TEMS Discovery, Genex Probe, XCAL, MapInfo, BTS Site Manager
- **Project Experience:** Multi-vendor (Ericsson, Nokia, Huawei), Multi-market (India, USA, LAT-AM)

Professional Experience

Marquistech Pvt. Ltd. (Client: Motorola / Google) – Bangalore

Device Testing Engineer | Jun 2023 – Present

- Tested and validated 5G, LTE, VoLTE, UMTS, and GSM prototype devices across Qualcomm, MTK, and Unisoc chipsets.

- Executed Pre-FIT, Official-FIT, Regression, and Validation Field Testing across USA and LAT-AM regions.
- Conducted operator-specific testing in multiple geographies ensuring compliance and performance standards.
- Delivered testing support for Google Pixel devices, analyzing logs and reporting critical issues.
- Performed battery, KPI, drive, and mobility testing across Nokia and Ericsson infrastructure markets.

CSS Corp (Client: Nokia) – Chennai

RAN Data Build Engineer | Jun 2022 – Jun 2023

- Created SCF/XML scripts for 2G/3G/4G/5G site creation, sector addition, and swap integration.
- Supported new feature trials including NSA-to-SA migration, DSS, and concurrent mode activation.
- Conducted parameter audits for Huawei-to-Nokia swap projects, correcting discrepancies through customized templates.
- Handled 5G SA-NBR (4G-5G & 5G-5G) creation and troubleshooting, baseline corrections, and object creation.
- Achieved contracted KPIs in Accessibility, Retainability, Mobility, and Service Integrity.

Integrated Wireless Solutions Pvt. Ltd. – Chennai / Tamil Nadu

RF Engineer / Post Processing Engineer | May 2017 – Jun 2022

Clients: Jio, Huawei (Vodafone), Vodafone Idea Limited

- Conducted drive tests, network audits, and optimization for 2G/3G/4G/VoLTE networks.
- Analyzed KPIs such as RSRP, SINR, Ec/No, Call Drop Rate, Handover Success for performance tuning.
- Provided RF planning inputs (antenna orientation, tilt, coverage prediction, frequency planning).
- Performed cluster optimization, benchmarking drives, TRAI testing, and complaint resolution.
- Supported Vodafone–Idea merger activities, including ICR testing and parameter harmonization.

Personal Information

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Mail –id: jaikarthick90@gmail.com

DOB: 23:11:1990

Age: 34

Sex: Male

Father's Name: L ARUL

Mother tongue: Tamil

Language known: English & Tamil

Passport no: Y5141555

Nationality: Indian

DECLARATION:

I, **JAYENDRAKUMAR L A**, confirm that the information given above is true to the best of my knowledge.