

PRATISH GUJARATHI

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#### KEY EXPERTISE:

- Good knowledge of **RRC, RLC, MAC, PDCP, and NAS layers**.
- Good knowledge of **LTE advanced** and basic **5G**.
- Knowledge of **Volte call flow** and **LTE interfaces**.
- Knowledge of **IBS Planning** and **booster maintenance** in building and **FEMTO**.
- Analyzing call drops, **Rx quality, Rx level, SINR**, etc.
- Checking for **RSCP, EC/NO, HSDPA/HSUPA**, and other parameters related to **3G & 4G**.
- Identifying booster-related issues.
- Knowledge of **Omni** and **panel antenna extension** and maintenance for **2G, 3G, and 4G networks**, **Google Earth, MYCOM**, and tools experience.
- **KPI analysis 2G, 4G**, and **alarm report**.

#### EXPERIENCE:

- **Company:** Marquiestech Pvt. Ltd., Mumbai (1 March 2022 – Present)
- **Designation:** Test engineer
- **Project:** Subsidy lock for JIO and Motorola.
- **Roles and responsibilities:**
  - Pre-launch mobile **device testing, handset testing, mobile chipset, and prototype models**.
  - **Filed testing, sanity testing, feature testing, functional testing, system testing, Device flashing, compatibility testing, retesting, regression testing, performance testing, load testing, stress testing, mobility, and stationary testing of 2G/3G/4G LTE smartphones**.
  - **Device acquisition, flashing on latest SW built, performing stationary, mobility, and network testing**.
  - **UI testing, integration testing, regression testing, network testing, 2G/3G/4G/LTE testing**.
  - Log capturing on logging tools like **QXDM ETL, Wireshark, ADB, and ODL**.
  - Network-related **protocol testing** on different national operators.
  - Performing **debugging analysis** in LTE and **VoLTE technologies** to find the possible root causes.
  - Execute filed test cases to verify mobile phone call performance, **voice quality handovers, data performance, and location functionality**.
  - End-user **product testing** and benchmarking of mobile phone products, performance, and location functionality.
  - Testing the call quality on **2G and 3G networks, and 4G networks**.

- Providing full **R&D support** and **maintenance for pre- and post-launch products**, including reproduction and diagnosis of the problem.
- Preparation of **bug & test summary report**, **execution of test case on GSM, WCDMA/UMTS, LTE, IRAT, and VoLTE**, involvement in **test plan preparation**, and test strategy preparation.
- **Company:** Vedang Cellular Service Pvt. Ltd, Mumbai  
(1 Aug. 2020 – 30 Sept.2021)
- **Designation:** Network Engineer and ONM Spoke person.
- **Operator:** Vodafoneidea Ltd.
- **Roles and responsibilities:**
  - Good knowledge of **RRC, MAC, PDCP, RLC, and NAS layer**.
  - Good knowledge of **LTE and LTE interfaces and timers**.
  - Good understanding of LTE features like **CSFB, SRVCC, X2 Handover, and Carrier Aggregation**.
  - Having good knowledge of **LTE call flows, Registration, Attach/Detach procedures, and RACH Procedures**.
  - Basic knowledge of **LTE advance** and **VO\_wifi**.
  - Knowledge of **radio parameters (Rx level, Rx Quality, RSCP, Ecno, RSRP, RSRQ, SINR)**.
  - Suggest **Optimization, Repeater, FEMTO, IBS, and Small cell** as per Field Survey report analysis and be in sync with the respective team to get it done.
  - Analyzing network issues based on **KPIs and alarms**.
  - Handling **Nokia SRAN login, Putty, and BTS manager** tools for checking live site status.
  - Co-ordinate with drive test engineers, and technician team, **Volte,2G and 4G KPI monitor**.
  - Co-ordinate with drive test engineers, technician team, Optimization team, Operations team,
  - planning team for a suggested solution and Implementation scope.
  - Doing **IBS, New site, small cell, sector addition, capacity addition survey, and monitoring**.
- **Company:** Telecomone Pvt. Ltd., Mumbai  
(30 July 2019 – 30 March 2020)
- **Designation:** Field Test Engineer
- **Operator:** Vodafoneidea Ltd.
- **Company:** Auto Window India Pvt. Ltd., Nashik  
(17 Sep. 2018 – 16 March 2019)
- **Designation:** Quality Control Engineer

## PRODUCT AND TOOLS:

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|---------------------|--------------------|
| • QXDM              | • ABD DRIVERS      |
| • MYCOM\NOKIA TOOLS | • SP FLASHING TOOL |
| • JIRA              | • QPST             |
| • ACCEDIEN          | • QCAT             |

**ACADEMIC QUALIFICATION:**

- **BE (E & TC)** With 60% from North Maharashtra University, Jalgaon in 2017.
- **HSC** (Intermediate) With 58% from Maharashtra State Board Nasik in 2007.
- **SSC** (High School) With 60% from Maharashtra State Board Nasik in 2005.

**TRAINING AND QUALIFICATION:**

- Certification in protocol testing from Prime Bit Solutions Pvt. Ltd., Hyderabad in 2022.
- Certification of CCNA Training in “Routing and Switching” from seed at Pune.