RESUME

Gopi Karmakar
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Profile: Test Engineer

Career Objective:
To work in an organization with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me to grow while fulfilling organizational goals.

Experience:
Electronics and communication engineer with 6 years of experience in Modem Testing, Network Optimization and having excellent communication skills with wide range of technical knowledge.

Marquis Technologies Pvt Ltd. – April 2021- present
Linkquest Technologies Pvt Ltd - Nov 2017 to July 2020

Knowledge:

Working Knowledge of: -
- Responsible for Product Validation and Performance of Device Testing.
- Recording logfiles and debugging the issues.
- Monitoring the process of issue tracking, Error verification, and rejection/acceptance and test execution.
- Good understanding of LTE/3gpp protocol layers (NAS, RRC, PDCP, RLC, MAC, PHY layers).
- Practical experience in LTE signaling from UE turn on mode to Attach accepts.
- Testing and first level analysis of LTE CSFB feature.
- Debugging DL Throughput issues on layers.
- Testing and Debugging CA issues in clean channel and during HO.
- Sound understanding of LTE Handover feature and troubleshooting.
- Opting smart method in log analysis and defect reporting.
- Ability to analyze LTE log files and recommend reasons for the same.
- Good understanding of LTE physical structure.
- Knowledge of 5G NSA and 5G SA.

Skill set:
- Good experience in the field test of Android Products & Devices.
- Working knowledge of QXDM, QCAT, ELT, Shannon.
- Working knowledge of Arm Loggel.
- Working Knowledge On JIRA.
- Understanding the end to end signaling of the Attach procedure and collecting the messages
- Preparing the test case to execute and analyze Log files.
- Bug tracking and reporting issues.

- Self-Motivated, energetic and a quick learner with strong communication and presentation skills.
- Proactive and capable of handling multiple tasks.
- Willingness to go with innovative idea.

Work Experience (6 years):

KEY PROJECTS HANDLED
Project 1:

- ❖ **Company**   : MARQUIS TECHNOLOGIES PVT. LTD
- ❖ **Work Profile**   : Modem test Engineer
- ❖ **Client**   : Qualcomm, MediaTek and Unisoc Products
- ❖ **Project**   : Validation of Products
- ❖ **Duration**   : April 2021 to Present
- ❖ **Technology**   : LTE, 5G NSA, 5G SA
- ❖ **Tools**   : QXDM, QCAT, ELT, Shannon, Arm Loggel,
- ❖ **Location**   : Kolkata (India), Bangkok (Thailand), and remotely testing experience in Hong Kong, Philippines, KSA, UAE, European Countries, RSA, Chile, Bangladesh etc.

Project Features Tested:

- Responsible for Modems & DUT Devices Testing over Live Network.
- Responsible for Product Validation and Performance analysis of Qualcomm/MTK/ Unisoc Modems Testing.
- Executing responsibilities in Field Testing Environment as Device Testing and Verification Engineer.
- Recording logs, analyzing them for the occurrence of common issues.
- Practical experience in LTE signaling and analysis from UE Turn on Mode to Attach accept.
- Performed both Stationery and Mobility Testing on DL-UL Throughput of CA using File Zilla and debugging understanding in case of modem or Network issues.
- Testing & analysis of PLMN Selection, Cell selection, Cell reselection, RACH procedure, HO procedure.
- Verifying multiple LTE call flows of DUT (Attach, Detach, cell camping and handover).
- Responsible in HO, I-RAT, Cell reselection.
- Strong Knowledge in LTE –FDD/TDD Network Architecture, CSFB, CA, and LTE call flows.
- Good understanding of LTE/3GPP Stack Layers (RRC, RLC, MAC and PHY layers).
- Good understanding of CSFB call flows.
- Understanding of 5G Non-Standalone Modes & ENDC.

Project 2:

RESUME

- ❖ **Company** **:** **LINKQUEST TECHNOLOGIES PVT. LTD**
- ❖ **Work Profile** : Network Test Engineer
- ❖ **Duration** **:** November 2017 to July 2020

Project Features:

- Strong Knowledge in LTE –FDD/TDD Network Architecture
- Field log captured using tool TEMS Investigation.
- Perform LTE scenario testing such as DL/UL throughput, handover, CSFB, cell reselection
- Find the bugs during perform the LTE scenario,
- Experience in static testing
- Site optimization
- Ability to adopt new testing techniques and tools in a timely fashion.

Professional Qualification:

B.E. in Electronics and Communication Engineering from RGPV, Bhopal.

Personal Attributes:

- Address for communication: - H.NO-22A, VILL-Jamuatand, P.O- Kankomath, Dhanbad, Jharkhand- 828113
- Language Known: - English, Hindi & Bangla
- Marital Status : - Married
- Nationality: - Indian

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