

SURAJIT ROY

SENIOR TEST ENGINEER

PROFILE

Based in Kolkata (IN), worked on test requirements across the globe (7+ countries) for various ODMs/OEMs.

Worked in EU, APAC, SEAP regions with great in-depth knowledge of EU regions (entire) and local network/device capabilities required to achieve successful test outcomes.

Pre-launch device testing expert with a knack of testing, training in a self-motivated way to enhance product and organizational goals.

Believing in empowering people, letting the light shine on them and stay up to date with technological trends and share knowledge from or with team.

CONTACT

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CURRENT LOCATION

Kolkata, IN

HOBBIES

Sports (Cricket, Football)

EDUCATION

JIS COLLEGE OF ENGINEERING

2013 – 2017 (Kalyani) Electronics and Communication Engineering
Kotulpur High School
Secondary/Higher Secondary School

WORK EXPERIENCE (SUMMARY)

Marquis Technologies Pvt Limited [Test Engineer]

17th Feb 2025- Present

Thunder soft India Pvt Limited [Test Engineer]

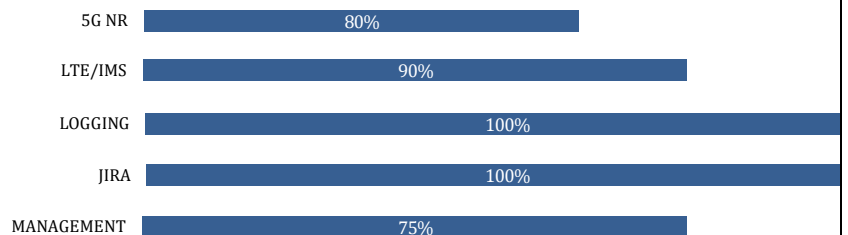
22nd July 2024-31st Jan 2025

Marquis Technologies Pvt Limited [Test Engineer]

18th Nov 2018– 20th July 2024

- Working on all latest technologies in Field Test namely: 5G NR/ VoLTE / Vo-Wi-Fi/Drive Test in India and abroad (7+ countries On-site) and client support
- Experience of working on ShanonDM, QXDM, MTK, Ylog
- Having Field Test experience of working with all leading ODM/OEM/Chipsets/Operators across the globe (EU, SEAP, APAC). Expert in Field Test/Consumer Trial and SW Test. Experience in test tools and SW (ShanonDm/QXDM/ELT tool/ Arm Loggel/JIRA/etc.)
- Knowledge of local test scopes to ensure outcomes accordingly
- Drive test, feature phone/smartphones/tablet/Smart devices

SKILLS



EXPERIENCE

Smartphone/Tablets Projects

On-Site Experience: APAC (Vietnam, Thailand, Kenya, Egypt, Singapore, Malaysia etc.)

1. Working on Smartphone/Tablet to test 5G
2. Have worked on Field Test Projects extensively on latest technology and chipsets (end-to-end from test to release cycle) extensively like DSDA devices, DSDS devices, only LTE devices
3. Worked on test cases execution based on client requirement which includes 5G, VoLTE, Vo-Wi-Fi SRVCC, CSFB, Throughput
4. Experience of differentiating tests and finding issues in local network environment of modem side
5. Experience and regular involvement in throughput on 5G/4G/3G chipset
6. Regular test experience in testing in static and moving (mobility) conditions
7. To determine drive route for different scenarios like 5G NR to 4G handover during ongoing data, Near Cell and Edge Cell location of 5G NR
8. Experience of flashing devices as per requirements- using flash tools, using OTA and manual flashing experience for different chipsets using ADB commands/ flash tools
9. Familiar with HO, Inter-RAT, Band HO, SRVCC during Conference, OOS to Service recovery state
10. Experience of doing projects for different clients in MEA, SEAP, APAC and EU

Stability Testing:

1. Experience of testing stability of devices and chipsets
2. Performed overnight test with automation scripts to test stability for calls/ data/ Emergency/ ping/ APM toggle/ PLMN/ Simultaneous Data, Call and SMS/MMS
3. Finding bugs, taking logs and sharing with client/ developer end

Feature Phone Test Experience:

1. Work experience of testing feature phones having LTE/VoLTE/ latest technology third party apps/ViLTE
2. Participation in finding bugs in feature phones based on failure of technology compatibility in device/ app functions
3. On device OTA and manual flashing experience for different chipsets using ADB commands/ flash tools
4. Log capturing/ flashing/ bug reporting/ bug follow up- test cycle completion of such products

Smart POS devices testing:

1. Experience of performing test cases on smart POS devices
2. Experience of working to solve bugs/ capture logs/ flash the devices and report the bugs with developer end
3. Worked on latest OTA and sharing OTA failure logs

End User Testing:

1. Experience of working on user testing
2. Familiar with collection of feedback from users, verifying bugs, reporting to client, follow up with developer end to get regression SW released and work on User SW finalization
3. Also worked on surveys from users and preparing presentations based on survey responses

GPS devices:

1. Experience of testing GPS devices (Flashing/ log capturing/ test cycle completion)
2. Performing test cases based on LTE/WCDMA technologies and reporting bugs in those devices

Additional:

1. Responsible for all types of device security and following NDA protocols
2. Capture entire drive route related to mobility test cases and submit to client with proper information
3. Upload all the Radar Logs and Pass logs on server on daily basis.
4. Taking care of all the devices, accessories, and submission to clients within timeline

Product based test experience:

- Indian Manufacturer devices' testing and Drive test
- Customization of software to meet OEM needs (branding/skin UI/protocol/design)
- Testing from RAW Software to production Software cycle
- Worked on software and application testing MediaTek chipsets.
- Modem test, AP test, ODM to OEM product test customization and more, feature phone, smart phones testing
- Product based organization – device testing from IMEI binding to Sales and Service tracker task
- Working on Raw samples with ODM branding until Golden Sample testing
- OTA test/QC/ Final Production SW testing

Current Location: Kolkata

Name: Surajit Roy

Address:

Central Park, Jadavpur, Kolkata, 700032

DOB: 09-Mar-1994

Father's Name: Anil Kumar Roy