

# Client Name

## Senior Test Engineer

Innovative and technical-minded professional, seeking to implement proven test engineering skills to determine quality assurance parameters, oversee drafting of testing documents, and design test procedures. Instrumental in assessing tasks for best testing approach and applying techniques throughout different phases of project. Adept at designing test strategies, developing test plans, and executing automated test cases to ensure top notch quality and service delivery. Capable of filtering out issues at initial stage through log-analysis performance to mitigate loopholes. Ability to automate testing to reduce time for validation, test software, draft scripts, and provide client support in telecommunications domain in fab-less SoC organization. Possess excellent communication, analytical, interpersonal, presentation, problem-solving, and time-management skills. Technically proficient in MS Office Suite.

### Areas of Expertise

- ◆ Quality Assurance
- ◆ Data Visualization
- ◆ Automated Testing
- ◆ Script Writing
- ◆ Data Analytics
- ◆ Machine Learning
- ◆ Client Satisfaction
- ◆ Debugging
- ◆ Signal Processing

### Professional Experience

#### Grey Orange India (P) Ltd., Gurugram, IN Senior Engineer (Product Validation)

2020 – Present

Enhance requirement understanding, while performing Test Case writing and Test planning activities. Participate in testing as per client requirements of robot firmware testing and server RC releases. Create, maintain, and execute test plans on simulated and real environment. Render test engineering expertise to track defects, generate bug reports and prepare test data. Engage in agile sprints from design phase itself to make faster design and get quick feedback on work. Oversee customer ownership from start to handover in order to establish direct contact between company and client. Validate innovative systems by applying engineering knowledge, tools, and principals.

- Reported bugs and issues through usage of JIRA tool, and debugging log / analysis.
- Drafted Selenium test scripts for functional and non-functional test scenarios.
- Provided assistance in increasing automated testing by 10% and solving projector problem of setup.

#### MediaTek India Technology Pvt. Ltd., Noida, IN Field Trial Engineer (Quality Assurance)

2017 – 2018

Carried out integration / alpha testing for recently developed modems in live network to enhance efficiency. Tested modem through handshake / off-hook test for several network features, such as Joint-CA, SRVCC, and CSFB. Utilized automated testing by creating and modifying android shell scripts. Filtered out issues /

queries at initial stage through log-analysis performance. Offered on-site customer support during testing cycle to mitigate loopholes. Managed field trips for on-site mobile modem testing at various locations to ensure zero discrepancies.

- Facilitated in automating test cases for almost 60% to maintain quality and enhance productivity.
- Created utility to test internet speed on several networks in order to check strength of internet connectivity.

## Education & Certifications

### Postgraduate Diploma in Electronic Information Engineering

Trinity College Dublin, Dublin, IE

### Bachelor of Technology in Electronics and Communication Engineering

Guru Gobind Singh Indraprastha University, Delhi, IN

### IBM Data Science Professional Certificate | IBM and Coursera Specialization

## Achievements

All India Rank 5028 in the Graduate Aptitude Test in Engineering 2016.

Secured first Position in event Rube Goldberg at Tryst 2013, Annual Science, Technology and Management Festival of IIT Delhi.

All India Rank 639 in the 11th National Science Olympiad 2009.

## Technical Skills

Protocols: SIP, GSM | GPRS | UMTS | LTE.

Technical specifications: (3gpp, LTE) relevant to CS / PS domain

Programming languages: Python | C / C++ | MATLAB | selenium.

Strong Telecom Fundamentals

Machine Learning Fundamentals

Deep Learning and Statistical Signal Processing Fundamentals.