

Premchand Kumar

Testing Engineer



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SUMMARY

Dedicated and skilled Device Testing Engineer with experience in telecom software and field testing. Highly experienced Drive Test Engineer with 5 years of expertise in wireless network testing, optimization, and analysis. Skilled in drive test tools, network protocols, and data analysis. Proven track record of improving network coverage and quality.

TECHNICAL SKILLS

- ✓ Drive test tools: TEMS INVESTIGATION -14.6.8 to 20.3, Nemo, & AZQ
- ✓ Network protocols: TCP/IP, UDP, DNS, DHCP
- ✓ Data analysis tools: Excel, MATLAB, & MapInfo Professional.
- ✓ Wireless Technologies: GSM, WCDMA, LTE, VOLTE, 5G NR (SA), IMS.
- ✓ Protocols & Tools: QXDM, QCAT, Wireshark, ELT, LOGEL & ASR.
- ✓ Testing Experience: Functional Testing, Performance Testing, Field Testing, Sanity, Stability, FOTA.
- ✓ Platforms Worked On: Qualcomm, MediaTek, Spreadtrum/Unisoc.
- ✓ Others: Registration, Log analysis, RACH procedures, IMS call flow, Handover, CA, Paging, Protocol stack, ENodeB/GnodeB Function, IMS Nodes, LTE/NR Architecture With call flow. Call performance, supplementary services, cell selection/Reselection, RLF, Throughput, Radio frame, SCS, Bandwidth, Numerology, Channel, Network slicing. SRB/DRB.

LINUX CERTIFICATIONS:

SWAYAM Certified and Certificate by Spoken Tutorial project, Organized by IIT Bombay.

PROFESSIONAL EXPERIENCE

Drive Test Engineer

[DECON TELECOM PVT.LTD.], [09 October 2017 to 30 March 2020.]

- ✓ Conducted drive tests to analyze wireless network coverage and quality
- ✓ Utilized drive test tools to identify areas for improvement
- ✓ Collaborated with cross-functional teams to optimize network performance
- ✓ Analyzed data and created reports to present to management
- ✓ Improved network coverage by 70% through optimization and drive testing

Senior Drive Test Engineer

[DECON TELECOM PVT.LTD.], [25 October 2020 to 30 Nov. 2023]

- ✓ Led a team of drive test engineers to conduct large-scale network testing projects
- ✓ Developed and implemented testing protocols and procedures
- ✓ Worked closely with customers to understand their requirements and deliver results
- ✓ Improved network quality by 75% through testing and optimization by requirement

Report Making Position

[**DECON TELECOM PVT.LTD.**], [January 2024 to October 2024]

- ✓ Technical writing and documentation skills
- ✓ RF engineering knowledge and experience
- ✓ Proficiency in tools like:
 - MATLAB
 - Excel
- ✓ Understanding of RF systems, components, and measurements
- ✓ Attention to detail and organizational skills
- ✓ Experience with report writing, documentation, and presentation creation

Test Engineer

[**RJIL Mumbai – Marquis Tech Pvt. Ltd.**], [November 2024 to Present]

- ✓ Performed device-level testing on 4G/5G networks.
- ✓ Conducted performance, mobility, and stability testing with updated firmware builds.
- ✓ Captured and analyzed logs to identify root causes of failures.
- ✓ Coordinated with development teams on bug reports and regression cycles.

EDUCATIONAL QUALIFICATION

Course	University/School	Year of passing	Percentage
B. TECH (ECE)	Punjab Technical University (Punjab)	2016	66%

PERSONAL SNIPPETS

Born on: 05 November 1995
Father's Name: Mr. Vakil Singh
Mother's Name: Mrs. Kalawati Devi
Nationality: Indian
Language known: Hindi & English
Sex: Male
Marital status: Married
Permanent Add.: Vill – Shivrajee Tola, P.o. – Chakaee, p.s. – Dhangai,
Distt. – Bhojpur, Pin code – 802152 (BIHAR)

DECLARATION

❖ I hereby declare that the above-mentioned information is true to the best of my knowledge.

Date:

Premchand Kumar