SAKET MISHRA

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Summary — Test Engineer with experience in Sanity and Regression testing for 5G/LTE technologies. Proficient in AutoFIT tool for ensuring device compliance. Known for delivering reliable solutions through effective cross-functional collaboration.

Skills

Testing:	Manual Testing, Device Testing, 5G & LTE Protocol Testing	**Tools:**	AutoFIT, QXDM, JIRA
QA:	Sanity Testing, Regression Testing	**Platforms :**	Windows OS
		Programming	C++, OOPS, DBMS

Experience

MARQUIS TECHNOLOGIES PRIVATE LIMITED   **July 2023 — Present**
Test Engineer

 – Developed and implemented advanced testing techniques to optimize device performance.
 – Executed test cases for 5G features such as carrier aggregation, VoNR, beam management, and mobility scenarios.
 – Validated 5G NR (New Radio) throughput performance under various network conditions (low signal, mobility, etc.) to ensure stability and compliance.
 – Tested inter-RAT handovers (e.g., 5G to LTE, LTE to 3G) to verify seamless connectivity across radio technologies.
 – Used tools like AutoFIT for protocol validation and log analysis to troubleshoot issues in 5G NSA/SA call flows.
 – Prepared detailed test plans and exit reports for each software release cycle, highlighting key metrics and known issues.
 – Worked closely with cross-functional teams to improve market readiness for telecom and hardware solutions.
 – Ensured quality assurance for clients, including chipset manufacturers and telecom operators.
 – Executed SIM swap and dual SIM test cases to ensure network registration and data performance across multiple network profiles.
 – Identified performance bottlenecks and provided actionable recommendations for enhancements.
 – Logged and tracked issues using JIRA, coordinated with developers and QA leads for timely resolution.

Education

Noida Institute of Engineering & Technology (NIET)
Bachelor of Technology (B.Tech) in Electronics & Communication Engineering
Course Duration: 2019 – 2023

Certifications

 – NPTEL, IIT - Developing & Enhancing Soft Skills and Personality
 – NPTEL, IIT - Emotional Intelligence

Uttar Pradesh Board of Secondary Education (U.P. Board)
Senior Secondary education 12th grade(Science)
Course Duration: 2017 – 2019

Central Board of Secondary Education (CBSE)
Higher Secondary education 10th grade
Course Duration: 2016

Projects

Skin Cancer Detection using CNN   **March 2023**

 – Developed a CNN for skin cancer detection from images.
 – Focused on classification accuracy and model performance.
 – Presented at the International Conference on Emerging Technologies (March 2023).

Automatic Street Light System   **January 2023**

 – Designed a sensor-based microcontroller system for street lighting.
 – Implemented automatic control for energy efficiency.
 – Reduced energy consumption by adjusting lighting based on conditions.