G SATHISH

Quality Engineer – Device & Server Testing | Windows/Linux | Python Automation
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PROFESSIONAL SUMMARY

Quality Engineer with experience in device testing, server validation, hardware enablement, and OS certification across Windows and Linux platforms. Skilled in functional & regression testing, compatibility analysis, defect lifecycle management, and Python-based automation. Strong foundation in BIOS, firmware, storage, RAID, networking components, and system-level validation.

CORE SKILLS

• Device Testing	• Functional Testing	• Regression Testing	• System Validation	• UAT
• Windows Server	• GPU	• Linux	• BIOS	• Firmware
• RAID	• Storage	• Networking	• Python Automation	• Basics of C

PROFESSIONAL EXPERIENCE

Quality Engineer – Server & Device Certification | LTIMindtree | June 2024 – Present

• Performed device-level, functional, and regression testing on Windows & Linux servers.
• Validated BIOS, firmware, RAID controllers, NICs, GPUs, and storage components.
• Conducted system-level validation, interoperability checks, and UAT.
• Identified, documented, and tracked defects with structured RCA.
• Collaborated with development teams for quick defect resolution.
• Automated OS certification using Python, reducing manual effort.

INTERNSHIP

Data Engineering Intern – LTIMindtree | April 2023 – June 2023

• Developed Python-based ETL pipelines for data ingestion, cleaning, and transformation.
• Used SQL for complex data validation and manipulation.
• Performed data-quality checks ensuring accuracy and consistency.

PROJECTS

Design of Non-Volatile Full Adder using MTJ | Dec 2022 – Apr 2023

• Designed CMOS + MTJ-based full adder for near-zero leakage power.
• Compared MTJ-based designs with high-power CMOS circuits.
• Used LTspice for simulation and measurement of power and delay.

Smart Power Management System | June 2022 – Dec 2022

• Built automatic ON/OFF smart power adapter based on battery percentage.
• Used Arduino, TRIAC, SMPS circuits, Arduino IDE & Python.

EDUCATION

Bachelor of Technology – Electronics & Communication Engineering

Madanapalle Institute of Technology and Science | CGPA: 8.87