

Sanskriti Acharya

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SUMMARY

IT undergraduate with hands-on experience working with web applications, datasets, and backend systems. Strong analytical mindset with attention to detail, experienced in validating data flows, verifying system behavior, and ensuring reliability of application features. Comfortable collaborating with cross-functional teams, understanding requirements, and identifying edge cases and inconsistencies in software systems.

EDUCATION

King's College <i>Bachelor of Science in Information Technology (Data Science) — GPA: 4.0</i>	Kathmandu, Nepal <i>Expected 2027</i>
KMC College <i>Higher Secondary Education, Science Stream — GPA: 3.42</i>	Kathmandu, Nepal <i>2019 – 2021</i>

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, C++, C
Web Technologies: HTML, CSS, React (basic UI logic understanding)
Databases: PostgreSQL, MySQL, Relational Schema Design, Data Validation
Testing & Analysis: Manual Testing Concepts, Test Scenario Design, Requirement Verification, Data Analysis
Tools: Git/GitHub, VS Code, Linux Basics, MS Excel

EXPERIENCE

Digital Marketing Intern <i>DigitalIn Pvt. Ltd.</i>	June – July 2025 <i>Kathmandu, Nepal</i>
– Worked with structured datasets to verify accuracy of user engagement and campaign metrics	
– Validated data consistency across reports and identified anomalies in performance tracking	
– Collaborated with teams to clarify requirements and improve reliability of reporting workflows	
Hackathon Participant – Chairman's Choice Award Winner <i>DAV Codefest 2025</i>	July 2025 <i>48-Hour Hackathon</i>
– Verified feature correctness through manual testing under rapid development timelines	
– Tested application flows to identify edge cases and usability issues	
– Validated end-to-end system behavior before final presentation	

PROJECTS

ReLoop – Waste Management Application
– Analyzed application workflows to ensure correct behavior across user actions
– Validated REST API responses against expected data contracts
– Checked database integrity and consistency for operational records
– Used version control to track changes and isolate regressions during development
Hotel Booking Cancellation System
– Worked with large datasets to verify correctness of prediction outputs
– Validated data preprocessing steps to ensure accurate inputs
– Tested edge cases and reviewed results through a user-facing interface
Traditional Nepali Recipe Generator
– Implemented and validated client-side logic for generating recommendations
– Verified UI behavior and responsiveness using Bootstrap
Regular Language Recognizer using DFA
– Implemented deterministic finite automaton logic using Python
– Validated input strings and visualized state transitions through a GUI

ADDITIONAL INFORMATION

Soft Skills: Attention to Detail, Analytical Thinking, Problem Solving, Team Collaboration
Interests: Software Quality Assurance, System Reliability, Data Accuracy, Web Applications
Languages: Nepali (Native), English (Fluent)