

Subin Pradhan

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SUMMARY

Detail-oriented BSc. (Hons) Computing student with hands-on experience in software quality assurance, with a strong focus on automated regression testing using Playwright, alongside manual and exploratory testing, API testing, bug reporting, and test case preparation. Familiar with SDLC, Agile workflows, and collaborative development environments. Seeking opportunities to contribute strong analytical and automation testing skills in QA and software development roles.

EXPERIENCE

NEPA WORKS Jr. QA - Created and executed detailed test cases for multiple web application modules. - Performed exploratory testing and functional manual testing to identify usability and functionality issues. - Conducted API and integration testing using Postman. - Managed bug reporting and bug tracking workflows with clear documentation for developers. - Developed automated regression test scripts using Playwright. - Performed load and performance testing using k6. - Prepared QA reports and maintained test documentation for ongoing projects.	Kathmandu, Bāgmatī, Nepal Apr 2026 – Present
HERALD DEVELOPMENT PLATFORM UI/UX Intern - Designed wireframes, UML diagrams, and user flows for the Herald Recruitment Platform. - Collaborated with developers to clarify feature requirements and improve usability. - Reviewed implemented features and identified UI inconsistencies before final submission.	Naxal, Kathmandu June 2024 – August 2024
PROFICIENT DENTAL LAB Lab Assistant - Assisted in dental crown 3D design and printing processes. - Maintained attention to detail while verifying design specifications before production.	Lazimpat, Kathmandu May 2023 – November 2025

SKILLS

Testing & QA: Automated Regression Testing, Manual Testing, Functional Testing, Exploratory Testing, API Testing, Integration Testing, Load Testing, Test Case Preparation, Bug Reporting, Bug Tracking, Test Documentation, SDLC Fundamentals, Regression Testing, Smoke Testing, Usability Testing, Black Box Testing, Unit Testing, Data Validation, Agile Methodology

Programming: Java, JavaScript, Python (Basic), PHP (Basic)

Database: MySQL, MongoDB, Firebase, Basic SQL Queries

Tools: Playwright, Postman, k6, Visual Studio Code, Git & GitHub, Jira, Figma, Chrome DevTools, Swagger, MERN Stack

Operating Systems: Windows, MacOS, Linux (Basic)

Soft Skills: Attention to Detail, Clear Communication, Analytical Thinking, Team Collaboration, Time Management

PROJECTS

DLabmate - Dental Lab Case Tracking System Designed and developed a full-stack dental laboratory case tracking system from scratch using the MERN stack as a final year project. Managed the project using Jira and GitHub while following Agile and SDLC principles. Performed manual, functional, black box, integration, smoke, usability and unit testing, along with API testing using Postman and Swagger to ensure system quality and reliability.	<i>MERN Stack, Manual/Functional/Black Box/Integration/Smoke/Usability/Unit Testing, Postman, Swagger, Jira, GitHub, Agile, SDLC</i>
NEPA Robotics - Warehouse Robotics Middleware System Performed continuous quality assurance for a robotics middleware system used by warehouse operators at NEPA Wholesale. Conducted API testing using Postman, functional, regression and smoke testing, data validation, and continuous system verification to support rapidly changing business requirements and ensure reliable robot-assisted warehouse operations.	<i>Manual/Functional/Regression/Smoke Testing, Postman, Data Validation, Agile QA</i>
NEPASTORE Worked on a B2B ecommerce platform as part of QA operations. Created test cases and performed exploratory testing, functional manual testing, API and integration testing using Postman, automated regression testing using Playwright, and load testing using k6. Managed bug reporting, bug tracking, and maintained detailed QA documentation.	<i>Manual Testing, Postman, Playwright, k6, Bug Reporting, API Testing, Regression Testing</i>
Hey Nepa Performed manual testing and API testing on the Hey Nepa platform, validating application functionality and data accuracy across key modules to ensure reliable and consistent performance.	<i>Manual Testing, API Testing, Data Validation</i>
Car Rental System (Business Analysis Project) Contributed to requirement gathering and user story documentation. Assisted in manual testing of system features to ensure proper functionality and alignment with business requirements. Reported usability issues during validation phase.	<i>Jira, Figma, Manual Testing</i>
Movie Review App using Firebase Developed a web application with CRUD functionality using HTML, JavaScript, and Firebase. Performed manual testing to validate input handling, sorting logic, and real-time database updates. Verified edge cases such as empty fields and duplicate entries.	<i>HTML, CSS, JavaScript, Firebase</i>
Banking System (Java) Developed a Java-based banking system with account management and transaction features. Conducted functional testing for deposit, withdrawal, and transfer operations. Validated CSV file input handling and tested edge cases for incorrect data entries.	<i>Java, Java Swing, MySQL</i>
Weather App	<i>HTML, CSS, JavaScript, API Integration</i>

Built a weather web application integrating an external API. Tested API responses, error handling, and cross-browser compatibility to ensure accurate data display.

EDUCATION

HERALD COLLEGE KATHMANDU BSc. (Hons) Computing	Naxal, Kathmandu, Nepal 2024 – Present
KHWOPA SECONDARY SCHOOL Higher Secondary Education – Computer Science GPA: 3.17	Dekocha, Bhaktapur, Nepal 2021 – 2023
MOUNT VALLEY ENGLISH SCHOOL Secondary Education Examination – Accounting GPA: 3.55	Qwathandou, Bhaktapur, Nepal 2018 – 2021

REFERENCES

Shirish Jonchhen
Former Mobile Application Developer (Flutter) at NexSewa

Vijay Raj Khadka
Full Stack Developer at NexSewa