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PROJECTS

- 1. Automated Testing of Ekantipur News Portal**
Tools: Selenium (Python), PyTest, POM, Postman, JMeter
 - Automated login, signup, and "Write an Article" workflows using Selenium with Page Object Model (POM).
 - Wrote API test cases using Postman to validate backend responses and data accuracy.
 - Conducted load testing using JMeter to measure response time and analyze performance metrics under different user loads.
- 2. End-to-End Testing of eCommerce Website**
Tools: Selenium (Python), PyTest, POM
 - Designed and implemented automated test cases for login, product sorting, cart operations, and checkout processes using Selenium WebDriver and PyTest.
 - Applied Page Object Model (POM) for modular and maintainable test scripts.
 - Performed parameterized login tests and validated workflow outcomes with assertions.
 - Improved test coverage for user actions like adding/removing items from cart and order completion.
- 3. Web Application QA Project (Training Phase)**
Tools: Postman, Swagger, JMeter, Selenium
 - Developed a comprehensive test plan including test scenarios, cases, and data sets.
 - Performed API testing for RESTful services using Postman and Swagger.
 - Conducted performance testing using JMeter to identify and resolve performance bottlenecks.
 - Created web UI automation scripts with Selenium and tested various user flows.

EDUCATION

Nepal Police School, Sanga Kavre (2018–2020)
NEB, Science

Nepalaya College, kathmandu (2021–)
TU, BSC CSIT

SKILLS & TOOLS

- Testing Tools**
 - Selenium WebDriver(with Python)
 - PyTest
 - JMeter
 - Postman
 - Swagger
- Frameworks & Design Patterns**
 - Page Object Model (POM)
- Programming & Scripting Languages**
 - Python (for test automation)
 - Basic knowledge of HTML, CSS and JS
 - C, C++ and .Net
- Version Control & Collaboration**
 - Git and GitHub
 - Jira (for test case management and bug reporting)