

Pranjal Rimal

Bachelor of Science in Computer Science and Information Technology
Kathmandu, Nepal

Tel: +977-9826209685
Mail: contact.pranjalrimal@gmail.com
Portfolio: pranjalrimal.com.np
GitHub: [/impranzal](https://github.com/impranzal)

TECHNICAL SKILLS

QA & Testing Fundamentals: Manual Testing, Functional Testing, Regression Testing, Test Case Design, Bug/Defect Reporting, SDLC & STLC Concepts, Cross-Browser Testing

Programming & Scripting: Python, JavaScript, HTML5, CSS3

Frameworks & Libraries: React.js, Node.js

Developer Tools: Git, GitHub, VS Code, Postman (basics), Chrome DevTools

Platforms: Linux, Windows

Currently Learning: Selenium WebDriver, pytest, API Testing, Agile/Scrum Methodology

EDUCATION

- **Texas International College** 2023 – Present
Bachelor of Science in Computer Science and Information Technology Kathmandu, Nepal
 - Relevant Coursework: Software Engineering, Database Systems, Data Structures & Algorithms, Object-Oriented Programming, Operating Systems.
- **Sushma Godawari College** 2021 - 2023
Higher Secondary Education (Science); GPA: 3.4 Sunsari, Nepal

TRAINING & PRACTICAL EXPOSURE

- **Python Programming Workshop** Texas International College
Hands-on training in Python fundamentals, scripting, and problem-solving.
- **Independent QA Practice**
Self-directed skill building in software testing
 - Practiced writing and reviewing manual test cases for personal and academic web projects, focusing on identifying edge cases and usability issues.
 - Currently studying Selenium WebDriver and pytest fundamentals to build a foundation in test automation.

PROJECTS

- **BrainBuddy (AI-Powered Learning Platform)** Texas Hackathon Vol. 1
Frontend Contributor (React, Tailwind CSS, Node.js, Express, Prisma)
 - Contributed to a full stack learning platform with role-based authentication, gamification (XP, badges), habit tracking, and admin, student dashboards, built by a 3-member team under hackathon time constraints.
 - Built and manually tested React components across desktop, tablet, and mobile breakpoints, verifying user flows (login, dashboard navigation, AI tutor modes) to catch layout and functional bugs before demo.
 - Reviewed API responses from the Express backend using browser DevTools to confirm frontend-backend integration matched expected behavior, and logged issues found for the team to triage.
 - Stack: React, Tailwind CSS, Node.js, Express, Prisma, JWT Authentication, Git.
- **Broken Link Checker (Python Automation Script)** Personal Project
A lightweight website QA tool (Python, Requests, BeautifulSoup)
 - Built a Python script that crawls a given website's internal pages, extracts all hyperlinks, and checks each one's HTTP status code to flag broken (404/500) or redirected links.
 - Used the Requests library to send HTTP calls and BeautifulSoup to parse HTML and collect anchor tags, then generated a simple CSV report summarizing working vs. broken links.
 - Built this to practice applying programming skills to a real QA task automated, repeatable checking of a site's health instead of manually clicking every link.
 - Stack: Python, Requests, BeautifulSoup, CSV.