



# Rajjwol Singh Maharjan

## Aspiring Software Developer | Web & QA Enthusiast

Aspiring software developer with a strong interest in web and software development. Skilled in PHP, JavaScript, and basic relational database handling. Eager to learn, contribute to real-world projects, and grow through hands-on experience in a development internship.

### • Contact



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Kathmandu/Thamel

### • Skill

#### • Programming Languages:

PHP, Java, Python, C#, JavaScript

#### • Web Development:

HTML, CSS, JavaScript

#### • Databases: MySQL

#### • Tools & Platforms:

Git, Visual Studio Code, XAMPP

#### • Soft Skills:

Teamwork, Problem-solving, Time management

### • Interests

- Full-Stack Web Development
- Machine Learning & Automation
- Exploring Software Development

### • Education

#### +2 in Management (Computer Science)

New Zenith English Model School, Kathmandu/Dekwa Galli

Graduation: 2022

#### Bachelor of Computer Applications (BCA)

National College of Computer Studies, Kathmandu/Paknajol

Expected Graduation: 2026

### • Project

#### Oceanic Delights: Fish Recommendation System

- Developed a smart web-based fish recommendation system using PHP, MySQL, and JavaScript for an aquarium e-commerce platform
- Implemented content-based and hybrid recommendation algorithms using cosine similarity and weighted scoring
- Enabled personalized fish suggestions based on user cart and purchase history, enhancing user experience and product relevance

#### Gender Classification System (Machine Learning Project)

- Built a machine learning model to predict gender using Python
- Utilized libraries like scikit-learn, pandas, and numpy
- Tested classification algorithms including KNN and Decision Tree for accuracy evaluation

#### QA Testing Project – ITTI Website

- Automated login and form validation tests using JavaScript and Playwright
- Handled XPath/locator debugging, dynamic elements, and wait conditions
- Ensured accurate error messages and field validations to