

Rajjwol Singh Maharjan

Aspiring Software Developer | Web & Application Enthusiast

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Summery

Aspiring software developer with a strong passion for web and software development. Experienced in creating functional applications and working with relational databases. Highly motivated to learn, contribute to impactful projects, and grow through hands-on development experience.

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 improve user experience

Skill

- Programming Languages:**
PHP, Java, Python, C#, JavaScript, Android Studio
 - Web Development:**
HTML, CSS, JavaScript
- Databases:** MySQL
 - Tools & Platforms:**
Git, Visual Studio Code, XAMPP
 - Soft Skills:**
Teamwork, Problem-solving, Time management

Education

Bachelor of Computer Applications (BCA) National College of Computer Studies, Kathmandu/Paknajol Expected Graduation: 2026	+2 in Management (Computer Science) New Zenith English Model School, Kathmandu/Dekwa Galli Graduation: 2021
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Interests

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