Rajjwol Singh Maharjan

Aspiring Software Developer | Web & Application Enthusiast

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Address: Kathmandu /Thamel

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

Laravel-Based E-Commerce Website with API Integration

- Developed a full-featured e-commerce platform with product catalog, shopping cart, and user authentication.
- Implemented RESTful APIs for products, admin management, cart operations, and user authentication
- Built admin panel with CRUD operations for products (create, read, update, delete) and dashboard analytics.

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

Interests

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