

Shuvechhya Lama

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Profile

Final year BCA student at Tribhuvan University seeking an internship in machine learning or web development to apply and expand practical skills. Eager to contribute to real-world projects by leveraging academic knowledge and hands-on experience from projects like web applications, and prediction models. Also, open to automated testing. Passionate about continuous learning and working alongside experienced professionals in a collaborative development environment.

Education

Bachelor of Computer Application, *National College of Computer Studies (NCCS)* 2022 – 2026
Learned courses covering C, Java, .NET, Mobile Programming, PHP, Python, DBMS, Paknajol, Kathmandu
Networking, QA Testing, Scripting Language and more.

Intermediate (+2), *National School Of Sciences (NIST)* 2018 – 2020
Lainchaur, Kathmandu,
Nepal

Skills

Technical Skills

- **Programming Languages:** PHP, Python, C, Java, HTML, CSS, React
- **Frameworks & Technologies:** Django, WordPress, ASP.NET ☒, JavaFX, Playwright
- **Database Technologies:** MySQL, PostgreSQL
- **Tools:** Visual Studio Code, GitHub, Playwright, NetBeans, Android Studio
- **Web Development:** Authentication, Admin Dashboards, Dataset Views, Email Activation, CMS Customization

Other Skills

- Debugging & Testing
- Problem Solving
- Version Control (Git/GitHub)
- API Integration
- UI/UX Testing
- Clean Code Practices

Projects

House Price Prediction System with Recommendation

Technologies used: Python, Django, Machine Learning

Objective: To build a web-based platform that enables users to buy and sell properties, integrated with a Support Vector Machine (SVM) algorithm for automated house price prediction and a content-based recommendation system.

Key Features:

- Developed a web-based platform for property listings integrated with SVM regression for price prediction.
- Implemented content-based filtering to recommend similar properties.
- Handled form processing, database integration, and server-side logic for role-based views.

Online Bookstore- an ecommerce website

Technologies used: PHP, MySQL, HTML, CSS

Key Features:

- Designed and built a dynamic bookstore with user registration, shopping cart, and checkout flow.

- Developed admin panel for book uploads, inventory tracking, and order management.
- Integrated invoice generation and basic payment simulation.

QA Website Testing on BooksMandala

Technologies used: Playwright(Python), VS Code

Key Features:

- Created automation scripts for end-to-end testing of the BooksMandala website.
- Tested login systems, navigation flow, and form validations.
- Identified UI bugs and reported issues with screenshots and logs.

Walmart Sales Prediction System

Technologies used: Python, Scikit-learn, Pandas, Matplotlib

- Built regression models to predict sales using historical Walmart store data
- Considered factors like holidays, markdown events, and economic indicators
- Evaluated model performance using R^2 and RMSE
- Visualized trends and predictions for better business insights

Portfolio

Technologies used: React.js, CSS3, Framer Motion, Vite

- A modern, responsive portfolio website showcasing my projects, skills, and background
- Animated sections for About, Projects, and Contact
- Project showcase with featured badges, technology tags, and links to live demos and source code