

Shuvechhya Lama

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Profile

Final year BCA student at Tribhuvan University seeking an internship in web development or machine learning 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. 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
- **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:

- Predicts prices using regression models
- Recommends similar houses using content-based filtering

Online Bookstore- an ecommerce website

Technologies used: PHP, MySQL, HTML, CSS

Key Features:

- User registration, book browsing, cart system
- Admin product upload and order management

- Full checkout and invoice system

QA Website Testing on BooksMandala

Technologies used: Playwright(Python), VS Code

Key Features:

- End-to-end automation scripts
- Tested login, navigation, data forms
- Validated UI elements and reported bugs

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