



# Uday Shrestha

## Web Developer

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🇳🇵 Nepalese

### 👤 PROFILE

A passionate and inquisitive computer science graduate, full of energy and a strong desire for continuous learning. Equipped with a solid foundation in mathematics, science, and programming logic. Eager to apply and enhance skills in teamwork, effective communication, and innovative problem-solving. A quick learner with a growth mindset, always striving to improve and broaden technical and professional abilities.

### 🎓 EDUCATION

2019 – 2023	<b>Bachelor of Science in Computer Science and Information Technology</b> Samriddhi College, Lokanthali. (Tribhuvan University) ✓ <b>Percentage:</b> 78.48%	Bhaktapur
2016 – 2019	<b>+2 Science</b> DAV College, Jawalakhel (NEB) ✓ <b>CGPA:</b> 3.39	Lalitpur
2016	<b>SLC (Grade 10)</b> Gaurishankar English Boarding School, Sandhikharka <b>CGPA:</b> 3.60	Sandhikharka


### 💼 PROFESSIONAL EXPERIENCE

07/2025 – Present	<b>Junior Developer</b> DryIce Solutions Pvt. Ltd. ✓ <ul style="list-style-type: none"><li>• Developed modules for budget planning, allocation, and expense tracking, ensuring accurate financial data management across multiple departments.</li><li>• Optimized complex SQL queries and used Eloquent relationships to handle large datasets and generate dynamic financial reports per office and fiscal year.</li><li>• Ensured data integrity and security through proper validation, role-based permissions, and middleware implementation in a banking environment.</li></ul>	Lalitpur
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09/2024 – 07/2025

**Trainee**

Lalitpur


DryIce Solutions Pvt. Ltd. 

- Understood the core structure of an HRM system, including modules like employee management, leave tracking, and attendance records.
- Implemented CRUD operations, data validation, and role-based access control using Laravel and Eloquent ORM.
- Collaborated with the team using Git and GitLab for version control and followed best practices in modular coding, database design, and task tracking.

05/2024 – 08/2024

**Internship**

Lalitpur

DryIce Solutions Pvt. Ltd. 

- Gained practical understanding of Laravel's MVC architecture, including route management, controller logic, and view rendering.
- Worked with Eloquent ORM to perform database operations and define relationships such as hasMany, belongsTo, and hasOne.
- Developed dynamic user interfaces using Blade templating engine, and implemented form handling with validation and session-based feedback.



**SKILLS**

**C/C++**

**HTML/CSS/JS**

**PHP (Laravel)**

**Python**

**Database**

**Linux**

MySQL, PostgreSQL

**Networking**



**SOFT SKILLS**

- Team collaboration
- Time management
- Problem-solving
- Communication skills



**PROJECTS**

09/2024 – Present

**Budget and Expense Management System (BEMS)**

- Provides a secure, compliant, and feature-rich platform for managing the bank's finances systematically and scientifically.
- Supports ongoing updates and adapts to emerging regulations and the bank's internal standards.
- Enables comprehensive budgeting, forecasting, analysis, and financial reporting.
- Integrates data from multiple existing databases and applications for improved transparency.
- Offers self-service access to budget owners, enhancing user autonomy.
- Improves accuracy, reliability, and timeliness of financial information.
- Enhances transparency and quality in the decision-making process.

05/2024 – 09/2024

**Human Resource Management System (HRMS)**

- Centralizes employee information, including personal details, job roles, and employment history.
- Manages attendance, leave, and shift scheduling efficiently.
- Facilitates performance tracking, appraisals, and goal setting.
- Supports recruitment processes, from job posting to candidate onboarding.

- Provides role-based access control for secure data handling.

2023

#### **E-Commerce**

- Designed a responsive user interface with HTML, CSS, and JavaScript for product browsing and shopping.
- Implemented a shopping cart and checkout system with session handling in PHP.
- Developed user authentication and an admin panel for managing products and orders.
- Integrated a MySQL database for dynamic product display and secure data storage.

2022

#### **Sample Online Banking System**

- Designed a secure user interface for account holders to view balances, transaction history, and profile details.
- Implemented user authentication and session management using PHP for secure login/logout functionality.
- Developed features for fund transfers, account statements, and transaction tracking.
- Used MySQL for storing user data, transactions, and account details, ensuring real-time data access.