

Uday Shrestha

Web Developer

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🌐 www.linkedin.com/in/uday-shrestha 🇳🇵 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

Bachelor of Science in Computer Science and Information Technology 2019 – 2023
Samriddhi College, Lokanthali. (Tribhuvan University)  Bhaktapur
Percentage: 78.48%

+2 Science 2016 – 2019
DAV College, Jawalakhel (NEB)  Lalitpur
CGPA: 3.39

SLC (Grade 10) 2016
Gaurishankar English Boarding School, Sandhikharka Sandhikharka
CGPA: 3.60

PROFESSIONAL EXPERIENCE

Junior Developer 07/2025 – Present
DryIce Solutions Pvt. Ltd.  Lalitpur

- Developed modules for budget planning, allocation, and expense tracking, ensuring accurate financial data management across multiple departments.
- Optimized complex SQL queries and used Eloquent relationships to handle large datasets and generate dynamic financial reports per office and fiscal year.
- Ensured data integrity and security through proper validation, role-based permissions, and middleware implementation in a banking environment.

Trainee 09/2024 – 07/2025
DryIce Solutions Pvt. Ltd.  Lalitpur

- 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.

Internship 05/2024 – 08/2024
DryIce Solutions Pvt. Ltd.  Lalitpur

- 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

Networking

MySQL, PostgreSQL

SOFT SKILLS

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

PROJECTS

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| Budget and Expense Management System (BEMS) <ul style="list-style-type: none">• 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. | 09/2024 – Present |
| Human Resource Management System (HRMS) <ul style="list-style-type: none">• 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. | 05/2024 – 09/2024 |
| E-Commerce  <ul style="list-style-type: none">• 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. | 2023 |
| Sample Online Banking System  <ul style="list-style-type: none">• 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. | 2022 |