Uday Shrestha

Web Developer

✉ udshrestha48@gmail.com 📞 (+977) 984-752-7022

📍 Lokanthali-1, Bhaktapur, Bagmati Province, Nepal ⦿ UD-sht in 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

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

💼 PROFESSIONAL EXPERIENCE

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

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		

📁 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.