



Bishal Shrestha

Nationality: Nepalese **Place of birth:** Syangja, Nepal **Gender:** Male

Phone number: (+977) 9815100588 **Email address:** bishalxshrestha@gmail.com

Home: Bheerkot-1-Lamachaur, 33800 Syangja (Nepal)

ABOUT ME

Passionate Software Engineering graduate with a strong interest in full-stack software development, backend systems, and intelligent applications. Experienced in designing and developing scalable web applications using Python, Django, and modern development tools. Motivated to deepen expertise in advanced software architectures and data-driven technologies, aiming to contribute to innovative and research-oriented projects.

EDUCATION AND TRAINING

Bachelor of Software Engineering

Gandaki College of Engineering and Science [2021 – 2025]

City: Lamachaur, Pokhara | Country: Nepal | Final grade: 3.14 | Thesis: FoodIQ – AI-Powered Food Recognition & Nutrition Analysis Mobile Application

Relevant Coursework:

- Artificial Intelligence
- Data Structures and Algorithms
- Machine Learning
- Database Management Systems
- Software Engineering
- Operating Systems
- Web Technology

Grade XI – XII (Science Stream)

Srijana Secondary School [2018 – 2020]

City: Srijana Chowk, Pokhara | Country: Nepal | Final grade: 3.00

Secondary Education Examination (SEE)

Sishu Niketan English Boarding School [2006 – 2018]

City: Putalibazar, Syangja | Country: Nepal | Final grade: 3.75

WORK EXPERIENCE

Elevate Tech – Simalchaur-8, Pokhara, Nepal

Backend Developer Internship

[11/2025 – Current]

- Developed backend web applications using Python and Django framework
- Designed and implemented RESTful APIs
- Built and managed PostgreSQL database schemas
- Implemented user authentication and authorization system
- Worked with Django ORM for efficient database operations
- Integrated frontend components with backend APIs
- Debugged and optimized application performance
- Used Git for version control and collaborative development
- Participated in Agile/Scrum meetings and sprint planning
- Assisted in deployment and server configuration

LANGUAGE SKILLS

Mother tongue(s): Nepali

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

[08/09/2018] Putalibazar Municipality, Syangja, Nepal

Certificate of Academic Excellence - Secondary Education Examination (SEE) Awarded by Putalibazar Municipality on the occasion of the **39th National Education Day and International Literacy Day** for achieving a 3.75 GPA in the Secondary Education Examination (SEE) and securing a high academic position at **PABSON** (Private and Boarding Schools' Organisation Nepal) level in Syangja

[2018] Sishu Niketan English Boarding School

Student of the Year Award Awarded for outstanding academic performance, leadership, and extracurricular activities.

PROJECTS

FoodIQ – AI-Powered Food Recognition & Nutrition Analysis Mobile Application

- Led a team of 3 members in designing and developing a mobile application for food recognition.
- Developed backend services using **Python** and **FastAPI** to handle API requests, data storage, and user management.
- Designed and integrated **RESTful APIs** for communication between the mobile app and backend server.
- Coordinated project workflow, assigned tasks, and ensured timely completion of milestones.

WHOLESALE-MART – Web-Based Wholesale Management System

- Designed and developed a full-stack web application using **PHP, MySQL, HTML, CSS, Bootstrap, JavaScript (AJAX, jQuery)**
- Implemented authentication and role-based access (Dealer & Retailer)
- Developed CRUD operations for product and order management
- Designed and implemented **ER Diagram, Use Case Diagram, and System Sequence Diagram (UML)**
- Built inventory management and order confirmation system
- Performed software testing and prepared test cases documentation
- Used GitHub for version control and collaboration

SKILLS

Programming Languages

Python / Java / JavaScript / C / C++

Frameworks & Libraries

Django / FastAPI / Tailwind CSS / Bootstrap / React JS / Tensorflow

Databases

PostgreSQL / MySQL / MongoDB

Tools & Technologies

Docker / Postman / Git & Github / VS Code