

# Bibash Bayalkoti

Python/Django Intern

Kirtipur, Kathmandu, Nepal

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## Career Objective

Motivated BCA student with hands-on experience in backend development using Python, Django, and RESTful APIs. Eager to secure a Python/Django internship to contribute to real-world projects, enhance technical skills, and gain industry exposure in web application development.

## Education

- **Bachelor of Computer Application (BCA)** Tribhuvan University, Kirtipur, Nepal  
Currently in 6th Semester | Expected Graduation: 2026
- **Higher Secondary Education (+2)** Mangal Secondary School, Kirtipur, Nepal  
Passed in 2022

## Technical Skills

- **Programming & Frameworks:** Python, Django, Django REST Framework, RESTful APIs, CRUD Operations
- **Databases:** MySQL, PostgreSQL
- **Tools & Technologies:** Git, GitHub, Postman, Authentication & Authorization
- **Other:** JWT Authentication

## Projects

- **Enhanced Learning Management System (LMS)**
  - Developed a full-stack Django application using templates for frontend and REST APIs for backend functionality.
  - Implemented user authentication, course creation/management, student enrollment, and progress tracking features.

- Integrated ModelViewSets and routers in Django REST Framework for scalable API endpoints, handling data for multiple users.
- Utilized PostgreSQL database for efficient data storage and retrieval; tested APIs with Postman for robustness.
- **Library Management System (REST API-Based)**
  - Built an API-driven system using Django REST Framework to manage books, borrowing records, and user roles.
  - Implemented book management (add/update/delete), issue/return logic, and role-based access control for admins and users.
  - Handled database migrations to resolve schema issues, ensuring seamless integration with MySQL.
  - Added validations and constraints to prevent errors like duplicate borrowings, improving system reliability.

## **Certifications**

- Python Django with REST API Certification
- Diploma in Computer

## **Soft Skills**

- Problem-solving and debugging complex issues
- Quick learner with adaptability to new technologies
- Team collaboration in group projects