

# Bibek Dhimal

## DJANGO DEVELOPER

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### PROFESSIONAL SUMMARY

Dedicated Django Developer with strong skills in Python, Django, and RESTful APIs. Passionate about building secure, scalable web applications and continuously improving through learning and innovation. Eager to contribute to a dynamic team and develop robust backend solutions.



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### EXPERIENCE

#### Backend Developer (Node.js) Intern | 28 Jun 2023 - 11 Oct 2023

*IT Department, Shiva Jyoti Group Pvt. Ltd. (LogicBit Solution)*

- Led a team of interns to develop and maintain backend systems, ensuring adherence to project timelines and quality standards.
- Built and optimized server-side applications using Node.js to deliver efficient and scalable solutions.
- Implemented RESTful APIs for seamless communication between client and server.
- Gained the opportunity to learn and work on MERN stack and React Native while contributing to the project.
- Collaborated with the team to debug and resolve application issues, improving reliability.
- [View Certificate](#)

### PROJECTS

#### Shram

*Final Year Project, 2023 - 2024*

- Shram is a mobile application developed to assist Nepalese working abroad in obtaining work permits from the Department of Foreign Employment, Nepal.
- Technology used: Python (Django Rest Framework), JavaScript (React Native), and MySQL.
- [GitHub Repository](#).

#### Medkit Record Management System

*Second Year Project, 2022 - 2023*

- Medkit Record Management System is a web application designed to maintain records of medicines by tracking details such as medicine names, stock levels, and expiry dates.
- Technology used: Python (Django), HTML, CSS, JavaScript, Bootstrap, and MySQL.
- [GitHub Repository](#).

#### Project Management System

*Personal Project, 2024*

- An API for a Project Management System using Django Rest Framework in Python, which manages projects, assigns tasks, and allows authorized users to comment on tasks.
- Technology used: Python (Django Rest Framework), and MySQL.
- [GitHub Repository](#).

## **Khalti Payment Integration**

*Personal Project, 2025*

- Khalti Payment Integration is an application specifically designed to integrate the Khalti payment gateway.
- Technology used: Python (Django Rest Framework), Next JS, and MySQL.
- [GitHub Repository](#)

## **SystemMonitor**

*Personal Project, 2025*

- This script reads a log file, checks for suspicious patterns, and prints alerts if any are found. It scans for specific keywords indicating potential security threats and extracts timestamps from the log entries.
- Technology used: Python
- [GitHub Repository](#)

## **WebScanCrawler**

*Personal Project, 2025*

- This Python script scans a website for potential security vulnerabilities. It checks for missing security headers, outdated software versions, and insecure form implementations. Additionally, it crawls the website recursively to find more vulnerabilities.
- Technology used: Python
- [GitHub Repository](#)

## **Portfolio Website**

*Personal Project, 2025*

- The Portfolio website was specifically developed for me, allowing you to learn about me, explore my completed projects, and find my contact details.
- Technology used: Django Rest Framework, Next.js, and MySQL.
- [GitHub Repository](#)

## **Movie Recommendation System**

*Personal AI Project, 2025*

- The Movie Recommendation System uses NLP and machine learning to analyze movie features and suggest similar films based on content similarity.
- Technology used: Python (as the main programming language), NumPy and Pandas (for data manipulation), Matplotlib (for data visualization), NLTK (for natural language processing and stemming), Scikit-learn (for feature extraction and similarity calculations), and Pickle (for saving and loading models)
- [GitHub Repository](#)

## SKILLS

### Programming Skills

Python, JavaScript, Java, C#, HTML, CSS

### Libraries and Frameworks

Django, React Native, React, Next JS, Dot Net, Node JS, Bootstrap

### Database Management

MySQL, PostgreSQL, MongoDB (including SQL Queries and Data Manipulation)

### Tools and Software

Docker, Postman, Visual Studio Code, Visual Studio, Sublime Text, PyCharm, Microsoft Office, Figma, Adobe

### Operating Systems

Windows, Linux

### Soft Skills

Problem Solving, Adaptive, Communication, Team Collaboration, Time Management

## EDUCATION

### Bachelor of Science (Honours) Computing | 10 Feb 2022 - Nov 2024

*Itahari International College, Sundarharaicha-04, Morang, Nepal*

*London Metropolitan University, England*

- Relevant Coursework: Shram, Medkit Record Management System, Air Quality Index Monitoring and Improvement System, Costume Rental Service, Vehicle GUI, Shopping Zone, Cafe Management System

## CERTIFICATES

- AWS Academy Graduate - AWS Academy Cloud Foundations [Click to view](#)
- Django Essential Training [Click to view](#)
- Building Modern UIs with React Router v6 [Click to view](#)
- Learning Git and GitHub [Click to view](#)
- AI for Beginners [Click to view](#)
- Effective Leadership [Click to view](#)