

Smarika Tripathi

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Career Objective:

A motivated Computer Engineering student with hands-on experience in Django-based web development, database management, and payment gateway integration. Seeking a Web Development Internship to apply technical skills, build scalable applications, and gain industry experience.

Education:

Bachelor in Computer Engineering

Pokhara University, School of Engineering

Expected Graduation: 2026

SGPA: 3.00

Plus 2 (Science Faculty)

KEF Secondary School, Pokhara, Nepal

With 3.32 GPA (Grade 12)

Passed Year: 2022 AD

SEE (Optional Mathematics)

KEF Secondary School,

Pokhara, Nepal

With 3.85 GPA

Passed Year: 2020 AD

Technical Skills:

- Programming: Python, C, C++, JavaScript
- Web: Django, HTML, CSS, REST API
- Database: SQL, SQLite, PostgreSQL
- Tools: Git, GitHub, VS Code, Postman,
- Deployment: Render, Netlify
- Machine Learning & Data Analytics: Data Cleaning, Data Preprocessing, EDA, Visualization, Basic ML, NumPy, Pandas, Matplotlib, NLP Basics

Projects:

Fingerprint-Based Voting System (Academic Project)

- Developed a biometric voting system using ESP32, AS608 and Django
- Implemented fingerprint-based authentication and secure one-person-one-vote mechanism
- Built admin dashboard, election management, and real time result calculation features

E-Commerce Web Application (Ongoing)

- Developing a Django based e-commerce platform with product management, cart system and checkout system

- Integrated Khalti payment gateway and implemented search, filtering, and authentication

Blog Application

- Built a Django-based blog with full CRUD functionality and user authentication

Personal Portfolio Website

- Developed a responsive portfolio website showcasing projects and skills using Django

Certifications:

- Scientific Computing with Python - FreeCodeCamp
- Responsive Web Design - FreeCodeCamp
- Django for Backend - Udemy
- Full Stack Web Development - Online (YouTube & Web Resources)
- Data Cleaning - Kaggle
- Introduction to Figma - Simplilearn

Achievements:

- Integrated Khalti payment system into a full-stack e-commerce project.
- Built and deployed full-stack web applications using Django and REST APIs.
- Completed multiple online certifications in programming, and web development.

Interest:

- Web Development
- Data Analytics & ML
- UI/UX Design
- Research and Innovation
- Programming
- Problem Solving
- Group Work and Collaboration

Additional Information:

Strong problem solving skills, quick learner, and actively seeking an internship opportunity to gain hands on industry experience and contribute to real world software development projects.

References:

- Bheesma Thapa,
Assistant Professor, Computer and Software Engineering Coordinator,
Faculty of Science and Technology, School of engineering, Pokhara University
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- Rajendra Aryal,
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