Bhagwan Devkota

Python Developer · Backend Engineering · Applied AI/ML

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Python developer experienced in building REST APIs, asynchronous backend workflows, and AI-powered web products. Comfortable working across Django, FastAPI, Celery, Redis, relational databases, and practical machine-learning applications.

EXPERIENCE

Python Developer
Oct 2024 — Present

Numeric Mind · Kathmandu, Nepal

- Develop backend capabilities for a clinical research platform, supporting efficient data management and insights extraction.
- Design and implement REST APIs that connect backend services with a React frontend.
- Build scheduled and asynchronous workflows with Celery to improve backend processing.
- Use Redis for caching and Celery task-result storage, while supporting the wider engineering team with day-to-day technical work.

TECHNICAL SKILLS

Backend	Python, Django, FastAPI, Celery, REST APIs
Frontend	React, JavaScript, HTML, CSS
Data & AI	Pandas, NumPy, TensorFlow, LLMs, Jupyter Notebook, Streamlit, Chainlit
Databases	PostgreSQL, MySQL, Redis
Additional	C, C++, Java, Excel, GitHub

SELECTED PROJECTS

LawSathi — Legal Assist App
Built an AI-powered legal platform with an LLM chatbot, semantic search over uploaded Nepali legal documents, lawyer booking, and video consultation.

Django · LLM · Embeddings · Semantic Search · Chainlit

Face Login System
Created a Django authentication flow that turns facial landmarks into embeddings and compares them against a real-time user capture.

Python · Django · OpenCV · face_recognition

Personal Finance Assistant
Combined income and expense tracking with stock portfolio updates, real-time profit/loss views, and LSTM-based stock-price prediction.

Django · TensorFlow · LSTM · yfinance · Streamlit

Nepali Currency Detection
Trained CNN models for classifying genuine and fake Rs 500 and Rs 1,000 notes and created a Streamlit prediction interface.

Python · TensorFlow · CNN · Streamlit

EDUCATION

Bachelor's in Computer Engineering
2024

Pokhara University · Pokhara, Nepal

School Leaving Certificate
2019

SOS Hermann Gmeiner · Pokhara

Secondary Education Examination
2017

Shree Vindha Vasini Secondary School · Pokhara

COMMUNITY

Helped deliver a week-long outreach initiative introducing more than 250 middle-school students across multiple schools to AI, the internet, digital literacy, and safer online practices through interactive presentations and workshops.