

Manoj K.C.

Python-Django Backend Developer | Django REST Framework | PostgreSQL

Kathmandu, Nepal | Portfolio:- manojkc1.com.np

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PROFESSIONAL SUMMARY

Python-Django backend developer with hands-on experience designing and building REST APIs for data-driven web applications. Proficient in Django REST Framework, PostgreSQL, JWT authentication, and Git-based workflows. Delivered production-ready API systems optimizing query performance, documenting endpoints, and collaborating with frontend teams. Targeting backend roles and SaaS MVP contracts where clean architecture, reliable APIs, and maintainable code matter.

TECHNICAL SKILLS

Backend	Python, Django, Django REST Framework (DRF), REST API Design, JWT Authentication
Database	PostgreSQL, SQLite, Django ORM, Query Optimization, Database Schema Design
Frontend	HTML5, CSS3, Tailwind CSS, JavaScript ES6+ (basics for API demos)
DevTools	Git, GitHub, VS Code, Postman, Feature Branching, Code Reviews
Deployment	Render, Vercel, PythonAnywhere
Concepts	MVT Architecture, CRUD Operations, REST Principles, OOP, SaaS MVP Patterns

EXPERIENCE

Back End Developer | Sajha Infotech PVT. LTD.

April 2026 – June 2026

Kathmandu, Nepal (On-site)

- Built and maintained REST API endpoints for the AcadFlow Student Management System using Django and DRF, supporting core modules including attendance, grading, and user management.
- Wrote and optimized PostgreSQL queries, achieving approximately 30% reduction in average API response time under load.
- Collaborated with frontend developers through GitHub pull requests and code reviews, maintaining clean Git history across feature branches.
- Documented all API endpoints via Postman collections, enabling faster frontend integration and handoff to the client team.

PROJECTS

Shabdhahbandar | English-to-Nepali Dictionary Web App

[Live Demo](#) | [GitHub](#)

Python · Django · SQLite · JavaScript

- Engineered a fault-tolerant Unicode search engine with automated database ingestion of 10,000+ word entries and session-based search history.
- Implemented a 'Word of the Day' feature using Django's scheduler, improving daily active user engagement.

CalcPro | Multi-functional Web Calculator

[Live Demo](#) | [GitHub](#)

Django REST Framework · JavaScript · React · Vite

- Built a full-stack calculator app (Basic, Scientific, Programmer, Financial modes) backed by a DRF REST API with safe mathematical expression evaluation.
- Designed a mobile-first responsive UI with Vite build tooling; deployed to Render with zero-downtime configuration.

Developer Portfolio | Personal Website

[Live Portfolio](#) | [GitHub](#)

HTML5 · Tailwind CSS · JavaScript · Vercel

- Designed and deployed a dark-navy SPA portfolio showcasing backend projects, tech stack, and contact functionality with live GitHub and LinkedIn integration.

EDUCATION

Bachelor of Information Technology (BIT)

Graduated: 2025

Mahendra Multiple Campus, Nepalgunj, Banke, Nepal

- Relevant coursework: Data Structures, DBMS, Web Technologies, Software Engineering, OOP
- Final Year Project: “AcadFlow” PHP/MySQL Student Management System built solo with role-based auth, attendance tracking, grade management, and server-side PDF export.

CERTIFICATIONS & LEARNING

- CS50's Web Programming with Python and JavaScript : Harvard / edX
- Django REST Framework : Udemy / freeCodeCamp (project-based)
- Git & GitHub for Developers : self-paced
- Currently learning: React.js, JavaScript ES6+, Frontend-Backend Integration

ADDITIONAL INFORMATION

Languages: Nepali (Native), English (Professional : Read / Write / Speak)

GitHub: 127 contributions since Mar 2026, public repos with live demos, API documentation, and clean READMEs.

Open Source: Actively building public projects targeting discoverability and recruiter review.

Availability: Immediately available on-site (Kathmandu) and remote roles.