

# Niraj Karki

Backend Developer | nirajkarki0.com.np | GitHub: Niraj-commits | Email: karki.ni018@gmail.com

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## Professional Summary

Backend developer with a background in data operations and inventory systems. Skilled in Django, DRF, and MySQL, with a strong understanding of database structures and data-driven backend development.

## Professional Experience

### Pivotech Nepal Pvt. Ltd. (Jan 2024 - Aug 2024) - Data Analyst

- Collected and processed product-related data from customers for integration into an Inventory Management System
- Analyzed and mapped customer data fields to match internal database schema
- Used MySQL to clean, reformat, and upload large datasets into the backend system
- Gained hands-on experience with relational databases and understanding of data structures used in business operations

## Technical Skills

Languages: Python

Frameworks: Django, Django REST Framework

Databases: PostgreSQL, MySQL, SQLite

Tools: Git, GitHub, MS Excel

Other: Bootstrap (basic), REST API design, data mapping, inventory systems

## Projects

### Kharcha - Expense Tracker

GitHub: <https://github.com/Niraj-commits/Kharcha>

Tools Used: Django, Bootstrap, SQLite

- Developed a web application that tracks expenses and income
- Integrated search and filter features, allowing users to search entries by name and filter by date or type
- Applied Bootstrap for responsive UI

### Easy Buy API - E-commerce Backend

GitHub: <https://github.com/Niraj-commits/EasyBuy-API>

Tools Used: Django, DRF, SQLite, debug\_toolbar, drf\_spectacular

- Handles order processing with email notifications
- Implements token and role-based authorization
- Search and filter by name/order status, with API documentation via drf\_spectacular

### LibraApp - Library Management API

GitHub: <https://github.com/Niraj-commits/LibraApp>

Tools Used: Django, DRF, PostgreSQL, debug\_toolbar, drf\_spectacular

- Manages book borrowing/return records
- Token-based authentication with search/filter for book name and availability
- API documentation using drf\_spectacular

## **Education**

National College, Tribhuvan University (2019-2023)

Bachelors in Computer Applications

National School of Science and Technology, NEB (2017-2019)

High School (+2 level), Science Stream

Tripura Glorious Academy, NEB (-2017)

Secondary Education Examination (SEE)

## **References**

Paras Mani Basyal - Former Supervisor

Position: System Administrator, Pivotech Nepal Pvt. Ltd.

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