

Niraj Karki

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DJANGO DEVELOPER

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
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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
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PROJECTS

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

Tools Used :

Django, Bootstrap, SQLite

Description:

- 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 added or entry type
- Applied Bootstrap for responsive and user friendly UI
- Used SQLite to store data locally, optimizing queries for search and filter operations, and improving data retrieval performance with indexing where applicable

- **Easy Buy API** - <https://github.com/Niraj-commits/EasyBuy-API>

Tools Used:

Django, DRF, SQLite, debug_toolbar, drf_spectacular

Description:

- Developed an E-commerce API application that handles order placing and assigning with email notification for order status
- Implemented user authentication using token based and role based authorization.
- Integrated search and filter features , allowing users to filter and search entries by name, order status.
- Implemented drf_spectacular for documenting API.
- Used SQLite to store data locally, optimizing queries for search and filter operations, and improving data retrieval performance with indexing where applicable

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

Tools Used:

Django,DRF,PostgreSQL,debug_toolbar,drf_spectacular

Description:

- Developed an Library Management API application that handles books borrowed records , new book reord creation and returned book records.
- Implemented user authentication using token based authorization.
- Integrated search and filter features , allowing users to search and filter entries by book name and availability status.
- Implemented drf_spectacular for documenting API.

EDUCATION

Bachelors in computer applications

National College,Tribhuwan University (2019-2023)

High School (+2 level),Science Stream

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

Secondary Education Examination (SEE)

Tripura Glorious Academy,NEB (-2017)

REFERENCES

Name : Paras Mani Basyal

Position : System Administrator,Pivotech Nepal Pvt. Ltd

Email : parasbasyal@pivotech.com.np

Relationship: Former Supervisor
