Niraj Karki

Portfolio | nirajkarki0.com.np · Github | github.com/Niraj-commits
Phone | +977 9864000888 · Gmail | karki.ni018@gmail.com
Address | Swoyambhu,Kathmandu

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

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

- Expense Tracker - https://niraj18.pythonanywhere.com/

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

- Invento - https://github.com/Niraj-commits/Invento

Tools Used:

Django,DRF,PostgreSQL,debug_toolbar,drf_spectacular

Description:
- Developed an Inventory Management API application that handles total inventory, and product creation and management.
- Implemented user authentication using token based authorization.
- Integrated search and filter features , allowing users to search and filter entries by name.
- 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