Akash Karki

Pathari-Sanischare 10 | akashkarki2468@gmail.com | 9827064994 | akashkarki.info.np

linkedin.com/in/akash-karki-123211303 | github.com/Carkey-Aakash

Introduction

Motivated BSc. CSIT Student with a solid foundation in Python and it's libraries and Django. Experienced in building RESTful APIs, managing databases, data analysis with python and developing scalable, maintainable web applications. Passionate about creating efficient solutions to real-world problems. Eager to apply skills in real-world production environments.

Education

Central Campus of Technology, Dharan Mar 2022 – Expected 2026

Bachelor of Science in Computer Science & Information Technology

- Relevant Coursework: Data Structures & Algorithms, OOP, Database Management Systems, Software Engineering, Computer Networks

Shree Panchayat Secondary School, Pathari June 2018 – Aug 2021

Higher Secondary Education (+2) in Science

Projects

Eventify: College Event Notifier backend Github: Events Notifier

- This project is a Django + DRF based backend for managing college operations with role-based access (Student, Department, Organization, Admin, Campus-Chief). It provides a complete event workflow (create → approval → publish), student event registration, feedback, and certificate access. The system also supports in-app and email notifications, profile management (departments batches), and dashboards for activity overview.
- Tools Used: Python, Django, Django REST Framework (DRF), SQLite, Celery+Redis

To-Do List Github: To-Do List

- A simple and functional Django-based To-Do List web app to manage daily tasks. Users can add, update, delete, and mark tasks as complete, with user registration and authentication included.
- Tools Used: Python, Django, SQLite

Movie Recommending System Github: Movie Recommend

- A simple and interactive Movie Recommendation System that suggests 5 similar movies based on the movie selected by the user. This system uses Cosine Similarity to find similarity between movie vectors and recommend movies with similar characteristics.
- Tools Used: Python, Numpy, Pandas, Scikit-Learn, Streamlit

Diwali Sales Analysis Github: Sales Analysis

- This project performs Exploratory Data Analysis (EDA) on a Diwali sales dataset to understand customer purchasing behavior. The dataset is cleaned, processed, and analyzed to identify which customer groups and regions contribute the most to sales. Various visualizations are created to discover trends based on gender, age group, state, marital status, occupation, and product categories.
- Tools Used: Python, Numpy, Pandas

Technologies

Programming Languages: Python, C++, C , C#, SQL, JavaScript

Technologies: .NET, Django, Pandas, Scikit-learn, Git, Postman, RESTful APIs

Databases: SQLite, PostgreSQL