BIKASH DAHAL

Python Developer

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bikas-dahal

SUMMARY

Eager to bring a fresh perspective to the tech industry, I am a recent Computer Science graduate with a fervent interest in Python development. Proficient in web development, data analysis, and machine learning. Demonstrates project management and problem-solving abilities. As an active member of my college's computer club, I have immersed myself in diverse computer science endeavors. Driven to innovate and excel in a dynamic team environment.

EDUCATION

Kantipur Engineering College

Bachelor's Degree in Computer Engineering
2019 – 2024

SKILLS

Programming Languages:
- Python (Competent)
- JavaScript (Familiar)

Web Development:
- Django (Advanced)
- HTML, CSS (Competent)

Data Visualization:
- Data analysis (Competent)
- Visualization (Informed)
- Machine learning (Familiar)

Version Control:
- Git (Familiar)

Containerization:
- Docker (Familiar)

Other Skills:
- Problem-solving
- Team collaboration
- Communication

HOBBIES AND INTEREST

- Philosophy
- Travel and Exploration
- Blogging
- Football

PROJECTS

Blogging Site

- Developed a full-stack web application using Django, including user registration and authentication.
- Implemented a blog display with Markdown support and a rich text editor for post creation.
- Utilized PostgreSQL as the database system.
- Leveraged Django's powerful features, including inclusion tags and querysets for recommending related posts based on tags, date and most commented.
- Link: bikasdahal.me/blog

Online Market with Django

- Developed a e-commerce platform using Django, featuring product listings, shopping cart, and coupons functionality.
- Utilized session management for cart and payment processing.
- Introduced asynchronous job processing using RabbitMQ as the message broker and Celery as the worker.
- Integrated Stripe Payment system for secure transactions.
- Link: bikasdahal.me/shop

Deep Learning Model with Django

- Developed a web application using Django to deploy a deep learning model.
- Utilized PyTorch for training and fine-tuning the deep learning model.
- The project focuses on plant disease classification using Resnet18 model.
- The application allows users to upload plant images and receive disease predictions.
- Link: github.com/bikas-dahal/deep-learning-with-django