Pranil Shrestha

Python Developer

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PROFILE

I'm a passionate computer enthusiast who is intrigued by the ever-evolving world of technology. With a knack for problem-solving and a constant desire to learn, I enjoy diving into the details of computers. I'm skilled at using different operating systems, love trying out new software, and find joy in tweaking hardware to boost system performance.

EDUCATION

Bachelors   2022 – present
Samriddhi College 🔗   Bhaktapur, Nepal
Currently pursuing a Bachelor's in Computer Application, acquiring in-depth knowledge in software development, programming languages, and honing problem-solving abilities.

Plus Two   2019 – 2021
St. Xavier's College 🔗   Kathmandu, Nepal
Completed Plus Two in the Science stream with a specialization in Physics, acquiring a strong foundation in physical sciences and their practical applications

SKILLS

| Python, C, DSA | HTML, CSS, Javascript | Github | Java | React.js | MS Office |

| PHP, mySQL, Postgres | Django, REST | Scrapy, FastAPI | Bash, Linux |

PROJECTS

ShareSansarDataScrape 🔗   03/2024 – present
- Developed a web scraping tool using Scrapy to extract real-time market data from sharesansar.com
- Utilized XPath to navigate the HTML structure and extract information from table elements.
- Processed the extracted data using Pandas DataFrame for structured storage and manipulation.
- Automated the generation of CSV files containing the extracted data, with filenames reflecting the current date.
- Implemented GitHub workflows to automate the daily scraping process at 5 PM Nepal time, ensuring consistent and timely data updates.

ArtOurs 🔗   01/2024 – present
Enhancing Art Commerce
- Developed a fully functional e-commerce website for art using Django.
- Implemented multi-role authentication and registration system.
- Utilized Django ORM for efficient database operations.
- Curated artwork with a blue tick verification for verified users.
- Implemented a feedback and rating system for artworks.

URL Shortner   04/2024 – 03/2024
- Implemented endpoints for shortening URLs and redirecting to the original links using FastAPI's routing system
- Utilized MySQL database to store mappings between original URLs and their shortened versions, ensuring quick retrieval and redirection

PocketDex 🔗

01/2024 – 02/2024

- Developed a React application with efficient data fetching and caching for seamless user experience
- Implemented paginated lists and detailed components for exploring Pokémon, Berries, and Locations

INTERESTS

Swimming | Chess | Books | Typing with 100 wpm | Computer Systems | AI & ML | DevOps

ORGANIZATIONS

SX3C Computer Club

2019 – 2021

General Member

Kathmandu, Nepal

Acted as a dedicated general member of SX3C Computer Club, I used to actively contribute to the club's initiatives, supporting various technology-related activities and events to foster a vibrant and engaging IT community.

DECLARATION

I affirm that the information in this CV is accurate and truthful. I have faithfully represented my skills, experiences, and qualifications without any exaggeration or misrepresentation, upholding the principles of integrity and professional conduct.

Pranil Shrestha