Neha

Shewale

Python Developer

PROFILE

A HIGHLY MOTIVATED PYTHON DEVELOPER WITH 1.6 YEARS OF EXPERIENCE DEVELOPING WEB APPLICATIONS USING PYTHON, DJANGO, AND FLASK FRAMEWORKS. PROFICIENT IN SQL DATABASES. AND WEB SCRAPPING,DATA ANALYSIS. STRONG PROBLEM-SOLVING AND DEBUGGING SKILLS, AND EXPERIENCE WITH AGILE METHODOLOGIES. EXCELLENT COMMUNICATION AND TEAMWORK SKILLS.

CONTACT

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PLACE: PUNE

PROJECTS

Extract Data from Multiple URLs (Web Scrapping)

- "I scraped diverse data, including images, links, and titles, from multiple paginated URLs using Selenium WebDriver, Beautiful Soup, and Pandas for efficient and accurate extraction."

EDUCATION

Department of Mathematics Pune University

Master of Science,Applied Mathematics Apr 2020

Pune university

Bachelor of Science Mathematics

HANDS ON SKILLS

- Python, Django, Flask frameworks,REST API,Pandas,Numpy Selenium WebDriver, Web scraping,SQLALchemy, OpenCv
- SQL databases such as MySQL
- Git and Git Lab version control systems

WORK EXPERIENCE 1.6 YEARS

Neutrino Tech Systems Pune - Python Developer

Apr 2022 – Present

- I am performing data cleaning and analysis on unstructured data in the NER medical field, using PDF s, images, OCR, and Docano to improve model training."
- I have completed the task of performing OCR analysis and PDF analysis to optimize the costing and billing processes.
- I contributed to the API integration in Flask.
- I created a Tesseract OCR API as an alternative to Google OCR, which can be expensive. This API can be used to extract text from images and PDF s more affordably
- I refactored the code to optimize for faster execution. By streamlining the code and removing unnecessary steps, we were able to significantly reduce processing times and improve the overall efficiency of the application.
- I highlighted the disease names that were extracted from the PDFs. By using an algorithm to identify disease-related terms, we were able to automatically highlight relevant information and make it easier for researchers to quickly scan through the documents.

- "I scraped valuable data that can be used by the data team for future analysis and decision-making."

Movies Collections Services(Django, Flask,ORM,REST API)

- Integrate with movies listing API
- Implement APIs for movies collection Applications
- Implement a request counter middleware

Blog Post Application(Django, Flask,ORM,REST API)

- Create three tables in Data Base User,Post/Blog,Like
- CRUD for all three tables
- GET all post/blog API also return the number of likes of

every post/blog

Omfys Technology Pune - Python Developer

Sep 2021 – Mar 2022

- I worked on a project that involved web scraping using Selenium WebDriver, Python, and Beautiful Soup. My responsibilities included setting up the scraping process, analyzing the data, and presenting the findings to the team.
- My goal is to write code that is reusable, testable, and efficient, which can improve the quality of our software and reduce development time.
- I contributed to a Django application by working with Django ORM and MVT (Model-View-Template) architecture. My responsibilities included designing database models, creating views, and integrating templates to deliver a robust, scalable web application.
- I have experience with Python automation, including scripting and process automation. By leveraging Python's powerful libraries and frameworks, I have been able to streamline tasks, increase efficiency, and reduce errors.