



SAIDEEP MOGANTI

Vizag,India.

9966119377 | saideepmoganti@outlook.com

Objective

Seeking to further cultivate my academic and professional acumen through a Master's program, leveraging a rich tapestry of entrepreneurial and academic experiences in Information Technology. Eager to contribute to cutting-edge research and academic discourse, while honing my skills and expertise in the field.

Experience

- Tru Projects Pvt Ltd, software company in Hyderabad.** December 1st 2023 - May 31st 2024
Python Developer Intern
 - Built and maintained web scraping scripts using BeautifulSoup to collect data from various websites.
 - Designed and implemented database schemas using SQLite for efficient data storage and retrieval.
 - Cleaned and transformed raw data using Pandas to prepare it for analysis and reporting.
 - Conducted exploratory data analysis (EDA) to identify trends and generate insights from collected data.
 - Created visualizations using Matplotlib to present data analysis results effectively.
 - Worked closely with team members to brainstorm and develop innovative software solutions.
 - Participated in code reviews, providing feedback to improve code quality and maintain standards.
 - Documented technical specifications and created user guides for the software developed.
 - Identified and resolved issues related to data scraping, storage, and processing to ensure smooth project execution.

Education

- Dayanand Anglo Vedic School (D.A.V)** 2012-2013
Central Board Of Education
8.4
- Sri Chaitanya Junior College** 2013-2015
Intermediate
88.4%
- Ramachandra college of Engineering and Technology** 2017-2023
Bachelors of Technology in Computer science
6.65

Project

- **Web Scraper and Data Analysis Tool**

This project involves creating a web scraper to gather data from a website, storing the data in a database, and performing analysis to derive useful insights. The project is built using Python, BeautifulSoup/Scrapy for web scraping, Pandas for data manipulation, and Matplotlib for visualization.

Key Features

- Scraping data from a chosen website (e.g., product prices, reviews, articles).
- Storing the scraped data in a structured format (e.g., SQLite database).
- Cleaning and manipulating the data using Pandas.
- Performing data analysis to uncover trends or patterns.
- Visualizing the results with Matplotlib.

Role and Responsibilities

1. Web Scraping:

- Implemented a web scraper using BeautifulSoup/Scrapy to collect data from target websites.
- Ensured compliance with website's terms of service and handled exceptions.

2. Data Storage:

- Designed and implemented an SQLite database schema to store the scraped data efficiently.
- Managed data insertion and retrieval operations.

3. Data Cleaning and Manipulation:

- Cleaned and processed the raw data using Pandas to prepare it for analysis.
- Handled missing values, duplicates, and data transformations.

4. Data Analysis:

- Conducted exploratory data analysis (EDA) to identify key trends and patterns.
- Generated summary statistics and insights using Pandas.

5. Data Visualization:

- Created visualizations such as graphs and charts using Matplotlib to present findings.
- Developed a simple interface to display the visualizations and results.

6. Documentation:

- Documented the entire process, including setup instructions, code explanations, and usage guides.
- Provided clear and concise user guides for future reference.

Skills

- - Web Scraping
 - Database Management
 - Data Cleaning and Manipulation
 - Code Quality Assurance
 - Collaborative Development
 - Data Analysis
 - Data Visualization
 - Documentation
 - Problem-Solving

Interests

- Animation
- Movies
- Photography
- Reading
- Cricket