Narendra S. Inamdar

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Competencies

- Basics of AWS, Linux, SQL, CRUD Operations on Database, Joins
- Computer Hardware and Networking - Desktop Computer Assembly, Basics of Networking
- Python- Selenium web-driver, Matplotlib, Requests, BeautifulSoup, pandas, Scrapy Framework, Data Cleaning, Data Enrichment, Data Tagging
- Basics of Apache Airflow, Elasticsearch, Statistics, Machine Learning

Achievements AiPalette

- Removed usage of selenium to improve data collection from 2300 data points/day to 25,300 data points/day; 986.96% increase in speed
- Automated time-consuming tasks like file concatenation, converting a CSV file to Excel to reduce file size using python. Accelerated operations for Marketing and Insights team

Volon Cyber Security

- Handled "Threat Hunting for IP addresses" using Python. Automated "Checking for blacklist IPs" using python. Further optimized for faster data collection - newer version of the script checked 60 IP/ minute while previous did only 10 IP/ minute (500% improvement in speed). Removed the usage of selenium to achieve a faster speed
- Automated "Data Breach checking for email ID" using python selenium module. Saved 2 days of manual work per month for the company. Scraper checks 160 email ID/hour and stores the information in a CSV file

Work Experience

AiPalette, Bengaluru **Mar 2020 – Mar 2021**

Data Collection Engineer

- Collect and clean data from E-Commerce platforms like Amazon, HappyFresh, Shopee and Tops using Python
- Utilised Pandas library to clean around 3 Lac data points every month. Use Apache Airflow to On-board data pipelines
- Trigger and modified existing Python scripts for collection of data from E-commerce sites and restaurants/cafe sites like Wongnai and Zomato
- Collected Google Trends data using pytrends library of Python. Optimise data collection scripts for faster data collection.

Volon Cyber Security, Pune **Jun 2019 - Mar 2020**

Python Developer Intern

- Conducted "Threat Hunting" on dark web forums and marketplaces using Python Scrapy Framework
- Coded data collection scripts using python requests, selenium, BeautifulSoup modules on Darknet Forums
- Scraped data which was directly visible to customers after uploaded on Elasticsearch index. It was used by Darknet Intelligence
- Scraped RSS Feeds using python feedparser module and stored the scraped data into JSON and Elasticsearch for collecting recent news related to Threats from RSS feeds - sources such as VBulletin, Exploit-db, PacketStorm

Education

- BE — PES Modern College of Engineering, Pune — Jul 2018
- Diploma — Institute of Technology, Hadapsar, Pune — Jun 2015

Courses and Certifications

- Data Cleaning - Kaggle — Apr 2021
- AWS Certified Cloud Practitioner - CLF-C01 — Dec 2020 to Dec 2023
- Elasticsearch Essential Training - LinkedIn — Dec 2020
- HackerRank
  - Python (Basic) — Nov 2020

- Problem Solving (Basic) Nov 2020
- REST API (Intermediate) Nov 2020
- SQL (Basic) Sep 2020
- Python Pandas - Kaggle Aug 2020
- Python Institute PCEP Certification July 2020
- Udemy
  - Learn to Code in Python 3 - Programming Basics to Advanced Feb 2020
  - Introduction to Python Feb 2020
  - Web Scraping from Scratch Jan 2020
- Corporate Training - CRB Tech Solutions Dec 2018 - Jun 2019
- Workshop about Basics of Hacking (IIT Bombay) 2018
- Computer Hardware and Networking (Government Polytechnic, Pune) 2013

Projects

- Flight Price Prediction using Machine Learning (March 2021) — Python
  ML model developed using Python to predict the flight price based on different features. Used Random Forest Algorithm to solve this particular problem.

- COVID-19 Dashboard Scraper (March 2020) — Python
  A scraper that gives information about COVID-19 current situation in all the states of India and writes that data into a CSV file.

- Web Scraper for International Cricket Schedule (Jan 2020) — Python
  A scraper developed using Scrapy Framework which scrapes date, time, match, venue name, cricket series name, and stores the data into CSV file which can be used by people who are unaware of upcoming fixtures in cricket. It displays all the upcoming games which are announced by their respective cricket boards.

- Web Scraper for YouTube Statistics of Creators (Jan 2020) — Python
  We can scrape statistics of multiple YouTube channels to automate seeing subscribers, watch hours, number of videos of that channel and store that data into CSV. Used requests, CSV and BeautifulSoup library for the same. The scraped data is publicly available.

- Web Scraper for Sports News (Dec 2019)— Python
  Displays the user with the latest sports news of a Marathi newspaper's RSS Feed and also shows the author name, published date and content of news.
  Utilised Python feedparser module. The user can read sports news directly after running one script which takes a maximum of 5 seconds to run.