

KAWALJIT SINGH

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WORK EXPERIENCE

Retail Program Analyst - Kellogg Garden Products | 07/2017 - Present

- Developed and utilized a GUI application built with Python to organize and run Python scripts.
- Constructed Python scripts, using various library such as Pandas, for retail product replenishment orders, automation of multiple reports, and database management.
- Converted company's raw data into meaningful, and actionable, insight by organizing and molding data into various reports.
- Developed programs with data structures, algorithms, and scripts within MS Excel, MS Access, MySQL, and Python for various reports which were presented to the company's owner, field team, and leadership team.
- Collaborated with company's analysts, account managers, and field team to develop new programs and reports.

Jr. Inventory Analyst - Kellogg Garden Products | 01/2017 - 07/2017

- Collaborated with company's Sales Analyst and IT team to develop programs and methods to upgrade POS reports.
- Managed and analyzed inventory, sales data, and trends for all retail stores in the USA.
- Constructed an automated retail product replenishment program which generated demand orders for stores nationally.

PROJECTS

Personal Portfolio Website

- Built with Python Django, PostgreSQL, CSS, HTML, and JavaScript. Deployed using Nginx, Gunicorn, PuTTY, and Digital Ocean. A portfolio website build with Django as backend, CSS/HTML/JS for frontend, and PostgreSQL as the database. [Website](#). [Github](#).

React/Django To-Do List Website

- Built with React for frontend, Django for backend, Django Rest Framework, CSS, HTML, and SQLite3. A dynamic complete/incomplete list of To-Do items, that can perform C.R.U.D. on frontend and converts React's json data to Python (backend) and database by API connection via Django Rest Framework. [Github](#).

Automated Inventory Replenishment Program

- Built with Python (Pandas Library) and MS Excel. Using Pandas, the program imports all store inventory and upcoming sales data, executes an algorithm, and exports to MS Excel complete order reports. [Github](#).

Food Search Website

- Built with React JS, Node.js, JavaScript, Edamam API tool, CSS, and HTML. This website fetches food recipes from the website "Edamam" using Edamam's Food Search API. [Github](#).

Twitter Bot

- Built with Twitter Developer account, Twitter API, Python, and Tweepy library. Program uses Twitter's API and tweepy to convert json data to python dictionary to execute responses when account is mentioned on Twitter. [Github](#).

Python WebScraper Script

- Built with Python, BeautifulSoup, and MySQL. This script retrieves a URL from NewEgg.com and extracts the price of the product; which is then inserted into a MySQL database. [Github](#).

EDUCATION

Bachelor of Arts in Economics, University of California, Riverside

- Concentration in Business Economics.

SKILLS

- | | | |
|-------------------|--------------|-----------------|
| • Python | • PHP | • Git |
| • Python Django | • JavaScript | • Nginx |
| • Microsoft Excel | • React JS | • Gunicorn |
| • MySQL | • HTML | • PuTTY |
| • PostgreSQL | • CSS | • Digital Ocean |