SAI CHANDHAR ANNAPRAGADA

Email:saichandhar12@gmail.com
Mobile: +14708479098

Background

Self-taught software engineer with years of experience in areas such as database schema design in PostgreSQL, API development for web services with Django and other frameworks (Flask), and more. Skill with the data analysis tool Pandas and the ability to automate processes. Interested in learning computer vision and natural language processing (NLP) and other ML/AI stuff.

Experience

TMASC, Graduate Research Assistant - dates (08/2022 - Present)

- As a research assistant, my primary focus was on geospatial images and data cubes, which can load various types of satellite photos and run various models, such as flood detection models. I wrote a Python function that takes an address and returns its coordinates in latitude and longitude, allowing me to draw a boundary map. I am a computer science graduate student interested in using OpenCV for research in computer vision and data extraction from images.

CGI Experience

Centralized Dashboard, BELL – dates (11/20 to 12/2021)

- As a senior software engineer, I began developing the database schema for the dashboard, which will eventually serve as a centralized database for other applications as well. I used Django to create the APIs, implemented JWT authentication for authorization, and developed role-based access.
- We deployed the entire application on the bell server and created two separate instances using Gunicorn and Nginx. These instances are designated as production and development respectively.

LP Implementation Team; - Dates (12/2018-10/2020)

- As a Software Engineer mostly, I worked on automating use cases in different BU's. Mostly worked on RDA tool which is an automation tool even involved in development of RDA tool as well.
- Automated the Corporate Finance (BU)use case using python and different packages like pandas, selenium etc., which was later identified as Case-level study

Other Experience

Expedia-Contactor - (05/2018 - 11/2018)

- The primary goal of this project was to carry out a proof of concept in order to determine whether or not the specific candidate's resume will be matched to the required JD by making use of APIs provided by third parties.
- CRUD operations have been implemented using Django, which will call thirdparty APIs, extract the necessary information from users' resumes, and store the results in mongodb.

Human Network- Dates (12/2016 - 04/2018)

- Created a restful application programming interface (API) by employing Python, Flask, and mongodb as the database.

- Made Rest API calls to pull data with validation and successfully completed a proof of concept on a recruitment chatbot using API.ai, Pullstring, and Lex.ai, which was then deployed across multiple social media platforms.

Education

Master's in computer science – ODU – (2022-Present)
B.Tech., Electronics and Computers -JNTUK (2010 - 2014)

Skills:

Programming: Python, Go (Beginner)
Frameworks: Django, Flask, Pandas, Selenium, Automation
Databases: Postgres, MongoDB
OS: Linux, Windows
Miscellaneous: Data Analysis (EDA) ,NLP, Opencv