VEERA BRAHMA CHARY, GUNDIMEDA

Total Experience – 2y 10m

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EXPERIENCE

QA Engineer
@ LIMASOFT India Pvt Ltd, Hyderabad
Dec'2021 – Working

Project 1: API Backend Database testing with Python (on MariaDB)
- **Tools** – Python, Pandas, Socket API, REST API testing, Pytest, Selenium
- **Tasks** – Data validation after extracting, Code quality for better accuracy with ML algos
- **Agenda –** This project involves the Spark component and architecture including RDD and DAG. With different types of RDD operations, the difference between transformation and action, and the various functions available in transformation and action with their execution and all are implemented with large datasets validated over the PyLIMA applications (SITNEXT, SIT230).

Data Engineer
@ Data & Analytics Services Pvt Ltd., Gurgaon
Aug'2020 – Dec'2021

Project 2: Data validation with analysis on web application using Python & PySpark
- **Tools** – Python, Pytest, Pyspark
- **Agenda** – This project uses GraphFrames in the Databricks notebook to quickly and easily analyze performance data organized into graph structures. The graph structure makes it easy to ask many questions that are not as intuitive as the table structure, like finding structural motifs, finding the shortest ways between source and destination, and ranking with PageRank. In this, utilizing delay data to perform analysis over the accuracy.

Project 1: Automation on Web application Functionalities with Selenium, Python
- **Tools** – Python, Selenium, Python, Excel
- **Agenda –** Complete frontend UI automation functional, smoke, sanity and regression testing on multiple modules such are ETL, EDA, Build models, Assets etc., using Python and Automation Anywhere tool.
- **Automation On –** Web Application tool, Email, Web, Excel Automation followed by Data Extraction and PDF generation

Junior Project Analyst
@ CSIR – IICT (Indian Institute of Chemical Technology, Hyd.
Mar'2018 – Apr'2019

- **Tools** – Python, Pandas, Numpy, Matplotlib
- **Agenda** – Making Data Visualization on Research data to get the clear understanding the research methods with previous research methods and predicting to obtain better methods.
- **2013 – 2017:** Non-Coding tasks as a Project Assistant Fellow II in the same organization i.e. synthesis Nanomaterials and implement into Nano Technology and for that I have had two international journal publications with I.F.- 9.229 (ACS App Mat Int)

Assistant Professor
@ Narasaraopeta Institute of Technology, (Group of NEC)
Sep'2010 – June'2011
- Taught Engineering Physics and From 2011 July'2011 to Dec'2012 prepared for GATE, CSIR UGC

EDUCATION

PG Diploma in Artificial Intelligence (PGDAI)
Aug'2019 – Feb'2020
Center for Development of Advanced Computing (CDAC), MeitY, Govt of India, Noida.

MSc – Physics (Quantum Mechanics)
Aug'2008 – Apr'2010
Dr MR Appa Rao Nuzvid ANU PG Center, Krishna Dist, Nagarjuna University, Guntur.

BSc – Mathematics
Aug'2004 – Apr'2007
Gaya College, Magadh University, Bodh-Gaya.

ACADEMIC PROJECTS

Product Data from e-Store by Extracting and store into Excel with A360
- Extract the data of a product from Flipkart e-Store
- Inserting into Excel and store in specified location in a folder
- Alert the customer through Email

Web Scraping with Scrapy including on Non-Selectable Web Pages
- Developed coding on estore website using python, and extracted the data from a web by crawling implemented with it's methods on scraped data.
- Tested the scrapped data with scrapy methodologies such are middlewares of downloader, pipelines, using their hooks for items. "https://www.sapbasiseasy.com/how-to-create-a-new-sap-user/" is a web page not able to select text manually and even inspection as well, so i have considered it as a challenge and extracted the text data using python Beautiful Soup, requests, lxml (for xml, html parser).