

VEERA BRAHMA CHARY. G

Total Experience— 3 Y 1 M

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EXPERIENCE

Python Engineer

— @ JoulesToWatts Business Solutions, Hyderabad

(Jun'2022 – Oct'2022)

Project 1: Functional & Data validation of Web Application with Python

Client: LAM Research

Tools – Python, Pyspark

Tasks – Implemented SQL queries with python on pyspark API by creating DataFrames on datasets queries like Joins, Filters, withColumnRenamed, alias, also with RDD transformations like Flatmap, map, filter, collect etc then analyse the data to make better for further requirements.

QA Engineer

— @ LIMASOFT India Pvt Ltd, Hyderabad

(Dec'2021 – June'2022)

Project 1: Backend Data test with REST & Socket APIs on LIMA Web Application

Tools – Python, REST & Socket APIs, SQL queries.

Tasks – Validate tables data with SQL queries implemented in python and also with pytest

Agenda – This project involves to validate the tables data in the backend nothing but testing with python (Socket API, REST API) and majorly implement DML operations through SQL queries (JSON format / directly in python code). All are implemented with large datasets validating over the LIMA applications (SITNEXT, SIT230).

Data Engineer

— @ Data & Analytics Services Pvt Ltd., Gurgaon

(Aug'2020 – Dec'2021)

Project 2: Data preprocess and validation using Python & PySpark

Tools – Python, Pyspark

Agenda – The main concern of this project was to verify the data like Unicode, unstructured and or semi structured data and then pre-process through python with pyspark. In this pyspark module can be able to change the type of the tables column to make good data for further analysis on own application is DAAS Labs.

Project 1: DAAS web application Functionalities verification with Pytest API

Tools – Python, Selenium, Python

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.

On – Web Application frontend UI functional, smoke, sanity and regression testing on multiple modules such are ETL, EDA, Build models, Assets etc., by manual and then using Python with selenium

Junior Project Analyst

— @ CSIR – IIT, Hyderabad.

(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 results in further 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

(Sep'2010 – June'2011)

— @ NIT, Group of NEC, Narasaraopet. Gnt.

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.

ACADEMIC PROJECTS

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.
- scraped 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 with BeautifulSoup, requests, lxml (for xml, html parser).

PROFILES

Total years of Experience :3Y 1M

Pyspark SQL Exp: 1Y

Python Selenium : 1Y

Data Quality and Analysis: 1Y

Portfolio

<https://rveerag916.github.io/>

Github

<https://github.com/rveerag916/>

LinkedIn

<https://www.linkedin.com/in/rveerag916/>

SKILLS

Tools/Frames

Python

SQL

Pyspark

DataBricks

Selenium

PyTest

Learning On

Hadoop

Sqoop

MapReduce

HIVE

ETL

Spark

Management Tools

JIRA

PractiTest

MSDynamics365

CERTIFICATIONS

Automation Anywhere

Advanced RPA Professional A360

(AAADVCA360-44339279)

Apache Sqoop

TrendyTech (o0aq1vh8kz)

UGC - NET



CSIR-UGC NET 2012

Secured 0782 rank in National Science

Competitive Exam UGC NET for Lectureship

PUBLICATIONS

- Mahapatra DK, Tijare LK, **Veera Brahmachari Gundimeda** et.al. "Rapid Biosynthesis of Silver Nanoparticles of Flower-like Morphology from the Root Extract of Saussurea lappa" *Research & Reviews: A Journal of Pharmacognosy*, **2018**, 5, 1, 20–24.
- Arunkumar S., **Veera Brahmachari Gundimeda**., "Realizing Synergy between In2O3 Nanocubes and Nitrogen Doped–reduced Graphene Oxide: An Excellent Nanocomposite for Selective and Sensitive Detection of CO at Ambient Temperatures" *ACS Appl.Mater.Interfaces*, **2017**, 9, 31728–31740.