

# VEERA BRAHMA CHARY. G

Total Experience— 3 Y 1 M

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## EXPERIENCE

**Python Engineer** – @ JoulesToWatts Business Solutions, Bangalore (WFH) (Jun'2022 – Sep'2022)

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

**Client:** LAM Research

**Tools** – Python, Pyspark, Selenium

**Description** –

- Filling the orders information as per application format like product name, date, status etc.
- Verify the needed details to track the ordered product
- Assign it to the concern team person to be validated
- Complete the work order testing after verifying by manual then automation.
- Implemented SQL queries with python on pyspark API by creating DataFrames
- queries like Joins, Filters, withColumnRenamed, alias
- 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 (WFH) (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

**Description** –

- This project involves to validate the table data in the backend with SQL queries.
- Verify the modified table records like total columns and rows from application UI frontend.
- Development team provided the backend code that as per their (client) requirement.
- Data tested with python (Socket API, REST API) and then validation through SQL queries DML operations on LIMA application its company own product (SITNEXT, SIT230).

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

**Project 2: Data preprocess and validation using Python & PySpark**

**Tools** – Python, Pyspark

**Description** –

- The main concern of this project was to verify the application loading capacity in migration
- Pre-process data by making changes in schema like the column data type through pyspark.
- Then verify the same in UI frontend of application to make it sure the application user end
- Company's own application is DAAS Labs.

**Project 1: DAAS web application Functionalities verification with Python**

**Tools** – Python, Selenium, Python

**Description** –

- Complete frontend UI test with manual and automation.
- Functional, smoke, sanity and regression tested on Migration, EDA, Asset modules etc.

**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.

## 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	Learning On
Python	Hadoop
SQL	Sqoop
Pyspark	MapReduce
DataBricks	HIVE
Selenium	ETL
PyTest	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

1. Mahapatra DK, Tijare LK, **Veerabrahmachari 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.
2. Arunkumar S., **Veerabrahmachari 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.