# VEERA BRAHMA CHARY .GUNDIMEDA

**Total Experience** – 3 Y 4 M          +91-9966444633          RGVBC567@gmail.com

## EXPERIENCEs

**Senior Software Engineer** – @ Expleo Solutions Ltd, Bangalore          **(WFO)(Jan'2023 – WORKING)**
**Project CDAS**: **Pre-processing on multi files data by comparing with Tool creation**
**Tools** – Python, Pandas, File Handling, Git (clone, status, add, tag, archive, push), pyinstaller
**Description** –
- CDAS (ADAS) Project working, implement python code as
  - Extract the data from multiple files then clean it by removing special characters & data that actually not needed as per requirement to make it better in code.
  - Then implement logical analysis on specified data (C header & Calibration files) like differentiate the input / deleted / modified data types that are collected from the Git source.
  - Resulted data has to put into a new excel file in different sheets (input/output/calibrations/RTE/Interface) after comparing the two version files.
  - Finally Tool (exe) created on code to make it available to all the team members.

**Python Engineer**     – @ JoulesToWatts Business Solutions, Bangalore          **(WFH)(Jun'2022 – Sep'2022)**
**Project 1**: **Functional & Data validation of Web Application with Python**
**Tools** – Python, Pyspark
**Description** –
- Data input to the orders as per 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
- 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
- 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
- Complete frontend UI test with manual and automation. Functional, smoke, sanity and regression tested on Migration, EDA, Asset modules etc.

**Junior Project Analyst**     – @ CSIR – IICT, Hyderabad.          **(Mar'2018 – Apr'2019)**
**Tools** – Python, Pandas, Numpy, Matplotlib
- Data Visualization after analyzing the excel data (Research) to have a clear understanding on implemented research methods with previous methods. Predicting a better approach with the obtain results in further R&D.
- **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**     —@ NIT, Group of NEC, Narasaraopet. Gnt.          **(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.

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## PROFILE

**Total Experience :3Y 4M**
Python: 3.4 yrs
Data analysis: 1.9 yrs
Data validation with PySpark & SQL: 1.1 yr
Extract Transform & Automate: 0.6 yr

**Portfolio**
https://rgvbc567.github.io/
**Github**
https://github.com/rgvbc567/
**LinkedIN**
https://www.linkedin.com/in/rgvbc567/

## SKILLs

**Tools/Frames**

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|---|---|
| Python | SQL |
| Pyspark | File Handling |
| PowerBI | Databricks |

**Management Tools**

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|---|---|---|
| JIRA | PractiTest | MSDynamics365 |

## CERTIFICATIONs

**Apache Sqoop**
TrendyTech (o0aq1vh8kz)

**Tableau 2020 – A-Z Hands on for DS**
**Udemy URL:**
ude.my/UC-ae64bd5e-c330-495b-89fe-8ad4440dbe37
(UC-ae64bd5e-c330-495b-89fe-8ad4440dbe37)

**Automation Anywhere**
Advanced RPA Professional A360
(AAADVCA360-44339279)

## UGC - NET

**CSIR-UGC NET 2012**
Secured 0384 rank in  National Competitive Exam In Science is CSIR 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 $In_2O_3$ 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.