

KEERTHI KOLLATI

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Career objective:

I am an enthusiastic professional, would like to work in a challenging environment, that provides me an opportunity to utilize my knowledge and expertise for the growth of the organization and creates opportunity to learn new things that helps me to lead a successful career.

Professional Summary:

- Overall 3.4 yrs. of experience in **Python, AWS, Pyspark, Numpy, Pandas, Matplotlib & Django**
- Have good knowledge on Requirement gathering, Customization, Maintenance and Testing of various Business Applications as Python Developer
- Have good experience on Data Analysis, Application Development
- Extensive hands-on expertise using **Python** with strong business understanding of Banking and
- Basic knowledge on **C, C++, SQLite, HTML, CSS, JavaScript and Bootstrap.**
- Enthusiastic to learn new concepts and technologies to be proactive in career enhancement.

Work Experience:

- **June'01- Present, Tiger Analytics, Senior Software Engineer, Hyderabad, India**

Key Result Areas:

- Developed batch processing data pipeline on AWS cloud provider.
 - Utilizing AWS EMR to run the spark job via REST API Livy.
 - Pyspark to transform and implement SCD2 type with Delta Lake.
 - Trigger based approach utilizing lambda triggers and s3 events in AWS.
 - Developed data orchestration with Apache airflow to trigger Dag via REST API.
- **Aug'19 – May'2022, APSSDC (Andhra Pradesh State Skill Development Corporation) as Python Developer.**

IT Skills:

- Frameworks : Pyspark, Django
- Programming : Python, Basic Knowledge on C, C++
- Web Technologies : HTML, CSS, Javascript, Bootstrap
- Databases : Postgresql, SQLite, MySQL
- Operating System : Windows and Linux
- Tools : GitHub, AWS, Virtual Studio Code, Jupyter notebook
- Python Standard Library: Numpy, Pandas, Matplotlib

Certifications:

- Certified in Python For Everybody from Coursera
- Certified in Python from Unschool
- Certified in Python, SQL, AWS Data Analytics and Azure Data Engineer from Simplilearn

Education:

| Qualification | Subject | CGPA |
|-------------------------------------------------------------------------------------------|------------------------------------------|------|
| SSC R.C.M.High School, Kotagirilanka | Others | 9.0 |
| STANDARD XII / PUC Rajiv Gandhi University of Knowledge Technologies, Nuzvid | Others | 7.06 |
| BACHELOR OF TECHNOLOGY Rajiv Gandhi University of Knowledge Technologies, Nuzvid | Computer Science and Engineering(CSE) | 7.98 |

Projects Undertaken:

Project #1 **(Dec 2019 - Aug 2021)**

Title : Skill Development Corporation Management System

Client Organization : APSSDC (Andhra Pradesh State Government)

Role : Developer

Team Size : 4

Environment : Python3, Django, Windows7, PyCharm

Description:

SDC Management system is developed for Training program and student registration for training and also maintain their attendance along with reports. There are different types of reports like (Project-wise, Course-wise, Batch-wise etc.,). We have also provided batch-wise login credentials for student registration. So, we can easily map them.

Responsibilities:

- Analyzing the design document.
- Python, Django framework.
- Involved in developing.
- Resolving the production issues reported by the client users.

Project #2 **(Sep 2021 – May 2022)**

Title : E Learning System Client

Organization : APSSDC (Andhra Pradesh State Government)

Role : Developer

Environment : Python3, Django Framework, SQL, Sublime Text

Team Size : 4 members

Description :

This project is concerned with the analysis, design, development, implementation and evaluation of an e-learning management system to provide a user-friendly environment for prospective students to acquire knowledge at any educational level and to bridge the gap between teachers and students.

Responsibilities:

- Analyzing the design document
- Python, Django framework
- Involved in developing
- Resolving the production issues reported by the client users.

Project #3 **(June 2022 - At Present)**

Title : Star Project

Client : Adventure Works

Role : Data Engineer

Tools & Technologies : Python, Pyspark, MySQL, AWS

Description:

The main goal of the current project was to create a central storage repository (i.e. Data Lake) that will hold big data in raw as well as processed format. This data will be further consumed by different users for a variety of business use cases. As a data engineer, our goal is to create an end-to-end ETL pipeline that will first ingest raw data from the landing zone to a raw zone in an as-is format. Then, the data will be processed and moved to a staging zone. The processing will include masking and cast transformation of some fields. The name of the fields that will be transformed will be read from a configuration file. The pipeline should be triggered on the upload of raw data in the landing zone. Finally, create a lookup dataset for unmasked and masked data with SCD2 type implementation.

Declaration:

I hereby declare that the information stated above is true and correct to the best of my knowledge and belief.