

# RUTHARA KUMAR V

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## CAREER OBJECTIVE

Looking for a challenging career which demands the best of my professional ability in terms of technical and analytical skills, and helps me in broadening and enhancing my current skills and knowledge.

## PROFESSIONAL BACKGROUND

- 3 years of experience in extracting, parsing and transforming data from various file formats like JSON, CSV and Parquet using PySaprk. Extensive experience in building ETL jobs using Jupyter notebooks with Apache Spark. And certified in Microsoft Azure Fundamentals.

## PROFESSIONAL EXPERIENCE

May 2022 -  
Present

### COGNIZANT TECHNOLOGY SOLUTIONS

Data Engineer

- Developed Pyspark scripts for data analytics and perform transformations.
- Having good knowledge on Microsoft sql sever and MYSQL server.
- Analyzed and updates the input data.
- Analyzed different aspects of data, fixed the issues and worked on improving the performance of data fetch jobs.

Sep 2019 -  
May 2022

### TATA CONSULTANCY SERVICE LTD

Data Engineer

- Design and develop ETL integration patterns using python on Spark.
- Develop framework for converting existing PoerrCenter mappings and to PySaprk(python and spark) jobs.
- Building reusable data transformation frameworks using python.
- Involved in loading and transforming large sets of structured and semi structured from multiple date source to raw data using Spark jobs.
- Worked on reading and writing multiple data formats like JSON, CSV and Parquet using PySaprk.

Feb 2019 -  
Jun 2019

### GODB TECH PRIVATE LTD

Software engineer trainee

- 5 months of training experience in developing web sites using PHP and JQuery.
- Knowledge of MYSQL and proficiency with developing highly scalable database interactions.
- Fixed bugs from existing websites and implemented enhancements that significantly improved web functionality and speed.
- Committed to quality in every assignment, large or small.

## ACHIEVEMENTS & AWARDS

- Microsoft certified : Azure Data Engineer Associate
- Certified in "AZURE FUNDAMENTALS" by Microsoft at August 2021.
- Acquired certification for completing training program "PRODUCT SPECIALIST PROGRAM\_INTERMEDIATE CURRICULUM" in July 2021.
- During college days, got a Best programmer award by Apr 2018 in the intra college programming contest.
- During my diploma, got 2nd prize in the topic of nano technology in inter college state level technical symposium at Feb 2013.
- Received Best Project award for my diploma final year project. The project has been developed for college purpose and special appreciation from College management.

## ACADEMIC DETAILS

2019	<b>KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY</b> B.E Computer Science and Engineering 70.4%
2016	<b>NACHIMUTHU POLYTECHNIC COLLEGE</b> Diploma in Computer Science and Engineering 84%
2013	<b>OUR LADY OF LOURDES MATRIC. HR. SEC. SCHOOL</b> SSLC 86%

## PROJECTS

- **Tickets and CR Manipulation**

**Tools used : Spark, Anaconda Jupyter, Gitbash**

**Stage 1:** Write a Pyspark script to read a raw data from local path or from the api and structure the raw data and stores the newly structured data into Prelanding as CSV file.

**Stage 2:** write a pyspark script to read a CSV file from prelanding, create a database and save the CSV data into parquet table inside the new database with addition columns about current user to landing stage .

**Stage 3:** write a Pyspark script to landing to unified. Read all the required parquet tables from landing stage and create a new structured table and save it as parquet table. Required query will be called from the config folder.

**Stage 4:** Pyspark script from unification to refinement. Execute and manipulate all the needed transformation and ETL jobs and save the final required data.

- **GFX Application**

**Tools used: Spark, Jupyter notebook, Gitbash**

**Stage 1:** Global Foreign Xchange (GFX). Will receive the input feeds from various regions like EMEA and APAC. Those data will be considered as input files.

**Stage 2:** Develop the script to fetch the data from those files and storing the data into hive or local databases. And required transformations will be performed over the data.

**Stage 3:** With the help of FE, some of the output such as profit and loss, EOD balance, GL balance, exception matching values etc will be shown as per the client and user requirements.

**Stage 4:** Depends on the requirement from user, code will updated and tested and implemented.

## ACADEMIC PROJECTS

- **A secure cloud based food supply chain traceability provenance using blockchain**

A website which is developed using HTML, CSS and Javascript as a front end and MYSQL database as a backend collaborately developed using docker tool. A website is developed to provide a block chain between the producer, manufacturer, distributor, retailer and consumers to provide full transparency to all the users.

- **Counseling management system**

A software build using Microsoft visual studio .net developer as front end and MYSQL database as backend for adding storing and modifying the official new academic year students admission data. The software has been used officially by NACHIMUTHU POLYTECHNIC COLLEGE for counseling purpose.

## STRENGTH

- Ability to work under pressure.
- Quick learner and always ready to learn new techniques.
- Logical hard worker, Adaptable, smart working, keen to learn.

## DECLARATION

I hearby declare that all the statement mentioned above are true to the best of my knowledge and belief.

Date :

Place :