

Consultant with 5+ years of experience into Data Science, Data Engineering and SDE field. Currently working as a Data Scientist with extensive knowledge in Machine Learning and Deep Learning algorithms.

## WORK EXPERIENCE

### Consultant Deloitte

12/2023 - Present

Bengaluru, India

#### Achievements/Tasks

- Developed Optimizer Models using PuLP, Pyomo, and Gurobi libraries implementing the entire data flow using Python OOPS approach and expertly interpreting mathematical documentation into well defined variables and constraints for getting optimal solution.
- Responsible in handling complete Backend for Python data Science Web Apps connected with Databricks Catalogue, from ETL to response URL's using Azure Functions and Flask.
- Created multi-language translation, abbreviation LLM model for client-specific data, converting large multilingual datasets having various European languages into English using advanced models (Hugging Face, BERT, Google Translate API), achieving results very close to GPT 4o.
- Built Custom Agents using Microsoft Copilot Studio, integrating Power Platform, Dynamics 365 and Azure AI to get shipment tracking and logistics as a POC for the project.
- Experienced in migrating Hadoop Py-Spark, Scala-Spark and Python Scripts to Azure with a focus on optimization and appending data to Delta tables ensuring seamless integration and performance with Azure Infra using IntelliJ and DBKS N/bs.

### Data Engineer LTIMindtree

07/2021 - 09/2023

Bengaluru, India

#### Achievements/Tasks

- PySpark Developer responsible for delivering Optimized Spark Scripts using Anaconda-Jupyter and Databricks Notebooks.
- Databricks - Hold real-time and hands-On Experience in advanced Databricks features like Unity Catalog, Delta Table, Identify-Mitigate & Optimize Data Storages, Delta Live Tables, Workflow-DevOps, Notebooks & wheel files, Microsoft Purview etc.
- Experienced in AWS S3 integration on Databricks Platform for easy access of Buckets data and Hands On Experience in AWS services like (EC2, S3, IAM, EBS, AMI, Lambda Fns, Amazon Cloud Formation, CDK, Beanstalk, SSM).
- Setting up CI/CD with Jenkins and make use of most of Jenkins plugins available for Couchbase-DB Backups Schedules, Strong Experience with Linux Environment and Shell Scripts.

### Java Developer Wipro Ltd

11/2018 - 04/2020

Bengaluru, India

#### Achievements/Tasks

- Developed and enhanced front-end features using JavaScript, HTML5, and CSS.
- Demonstrated strong expertise in Java, JDBC and MySQL. Gained expertise in Jenkins and Docker.
- Operated within an Agile development team( daily stand-ups, sprints and retrospective meetings)

## SKILLS

Python

Machine Learning

Deep Learning

Azure ML

PySpark & SQL

Databricks Advance

Azure & AWS

Git & GitHub

Linux

AI : CoPilot Studio(Dynamics365, PowerPlatform, AzureAI)

## PERSONAL PROJECTS

### Quantum Leap

- Ultimate Data Centric Investments & Trading Portfolio Manager

### BIN

- One point Flutter Mobile App, Analyze & Plans your complete RIDE.

### The Rhythm

- Strategic web APP which plans your Entire Days Activity keeping your Rhythm at Top Notch in all activities of your day.

## EDUCATION

### B.E in Electrical & Electronics Engineering (2014 - 2018)

CMR Institute of Technology - Bengaluru, India

### PUC (2012-2014)

St.Joseph's Pre-University College, 82.8% Karnataka State Board

## LANGUAGES

### Python

Full Professional Proficiency

### Scala

Limited Working Proficiency

### Java

Full Professional Proficiency

## CERTIFICATIONS

Microsoft Certified Azure Data Scientist Associate

Databricks Certified Associate developer for Apache Spark

Snowflake Snowpro Core Certification

Advance SQL Certified - HackerRank

Java-J2EE Certified - ABC Institute Bangalore