



Data Engineer

A passionate data scientist having knowledge in Big Data , SQL, Computer Vision Techniques, Natural language processing ,Deep Learning Algorithms, Machine Learning Algorithms and Data Processing to solve challenging business problems. Strong background in Python.

WORK EXPERIENCE

Data Scientist(Ops analyst) Accenture

09/2019 - Present, Bangalore

Applied Intelligence is Accenture's unique approach to **combining AI with data, analytics and automation** under a strategic vision to scale AI and transform business.

Achievements/Tasks

- The goal is to help patients to identify accident in field with UGV Robot (UnManned Ground Vehicle) using ROS.
- Developing and deploying real-time deep learning-based object - detection model using the YOLOv5 and SSD architecture.

Customer user Revenue analysis

Workplace/Company

The goal the project is to create data pipelines for the Medical equipment company which will make the company make appropriate business strategies to enhance their revenue by analyzing users and video data to send offers and royalties to users respectively.

Achievements/Tasks

- The file data and stream data is validated, enriched and processed before loading into HDFS. There is a lookup table in this processing logic as well.
- Built custom Kafka consumer to consume network outage data and push to streaming application. Strong Experience in Spark, Python, Sql.
- Build data cleansing frameworks Pig scripts, Hive SQL to populate HDFS.Optimization and performance tuning of Spark workflows by benchmarking.
- Migrate on-premise data warehouse to Data Lake on Hadoop.
- Design solutions to ensure high availability of cluster in order to prevent business disruption.
- Databricks (Cloud Agnostics Stack) - Hive, Kafka, Spark, Hbase/Ops DB and Hadoop YARN, HDFS , Apache Airflow scheduler.

BIG Data developer(Process Associate) IBM(Randstand private ltd Payrole)

06/2018 - 08/2019, Bangalore

Achievements/Tasks

- Prescriptive modelling to optimize physical parameters to improve final throughput for an Pearson Client.

EDUCATION

Bachelor of Engineering in Electronics & communication Engineering RGPV/Bhopal

07/2013 - 06/2017, 7.54CGPA

SKILLS

Computer Vision | Natural Language Processing | Deep Learning | Machine Learning | Airflow | ETL | Python | SQL | Hive SQL | Data Visualization | Web Scraping | Data Preprocessing |Pyspark| Wireframe | Big Data| Hadoop|Hive| Databricks Azure|

Deep Learning Algorithms : YOLO, SSD, etc.,

Machine Learning Algorithms: Linear Regression, Logistic Regression, Decision Tree

PERSONAL PROJECTS

Object Detection- I have created object detection projects like Fire detection, and Vehicle detection using TensorFlow models like Faster-RCNN, SDD, YOLOv5.Smart Banking System -Machine Learning-based use case in which we solve banking system's related processes like home credit, Fraud detection.

ACHIEVEMENTS

Star Business Awards(Accenture) (06/2021)

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Yoga

Travelling

Chess

Dance