Nikhil G

Motivated Data Engineer with nearly 1 year of professional experience and with Good knowledge of predictive modeling, data processing, and data mining algorithms to solve challenging business problems. Highly-skilled in data visualization and machine learning.

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Links: **GitHub**, **LinkedIn**

EXPERIENCE

Data Engineer, Diatoz Solutions LTD, Bengaluru (Jan 2021 – Present)

- ❖ I have worked as a Data Engineer for client Majid Al Futtaim(MAF) in Publicis Sapient on a one-view project.
- ❖ Created Serverless data pipeline using AWS services.

Projects

- ❖ **Serverless Data Pipeline**
  - ➢ Created data pipeline for sending E-Commerce data from AWS S3 storage to Redshift database.
  - ➢ Created AWS Lambda functions for Automated file trigger activity.
  - ➢ Data Transformation is done by using AWS Glue with Pyspark.
  - ➢ Used AWS Cloudwatch for checking logs and AWS SNS for sending notifications.
  - ➢ Created dashboards using Power BI.
- ❖ **OneView data Pipeline**
  - ➢ Created a data pipeline for sending Customer data to End points.
  - ➢ Data modelling is done by using Vertica.
  - ➢ Performed batch data processing using confluent kafka
  - ➢ Performed a series of data transformations using spark scala.
  - ➢ Created Airflow DAG to manage the batch job.

Computer vision Intern, Lincode Labs, Banglore (01/2020 to 04/2020)

- ❖ I have worked as a computer vision intern. I have worked on training the object detection models, performing template matching using OpenCV

Project – Cable Defect Identification Using OpenCV and Computer Vision.

- ❖ Color Identification of cable end points using template matching,
- ❖ Cable Length measurement done by measuring pixel distance in the image,
- ❖ Cable surface defect identification done using object detection(Fast-RCNN).
- ❖ GUI created Using PYQT library.

Data Science Research Intern, Indian Institute of Technology, Bhubaneswar (07/2019 to 09/2019)

- ❖ I have worked as a Data Science Research Intern under the Guidance of Dr. Ganpati Panda. I have implemented machine learning models from scratch, worked on Spiking neural network model and 1D-CNN

Project – 1-D Convolutional Neural Network Implementation from Scratch. Testing on different Dataset.

SKILLS

Python, Scala, Cats

Apache Spark, Kafka, Spark-Streaming

Numpy, Pandas, OpenCv

AWS – Glue, Lambda, Step Function, MSK

MySql, Vertica

Power-BI, Postman, AirFlow

EDUCATION

Jain University, Bangalore. Master of Technology in Computer Science **(CGPA: 8.25)**

Kalpataru Institute of Technology, Tiptur, Bachelor of Engineering in Computer science

LANGUAGES

English.
Hindi.
Kannada.

PERSONAL SKILLS

Quick Learner.

Result Oriented.

Analytical Skills.