Nidhi Raj Patel

Data Scientist

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.

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WORK EXPERIENCE

General ops Associate
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.
- Research, design, develop and optimize robotics algorithm technology on autonomous robotics program for UGV (Unmanned Ground Vehicle).
- Trained and tested the dataset containing diseases of various type of diseases using Transfer Learning Technique with different DL Algorithms.

Process Associate
IBM

06/2018 - 08/2019   *Bangalore*

Achievements/Tasks
- Worked on the create the customer master data using the sales force application. Handling the customer data.
- Team handling during the research of the huge amount of customer data.

Data Scientist
Ineuron.AI

05/2021 - 08/2021

Achievements/Tasks
- Chatbots using google dialogue flow
- It's a free Cloud-based AI Chatbot Platform to Build Bots. Node.js drives chatterbot. It is a Python library that acts as a conversational dialog engine and uses machine learning. Moreover, it is language-independent, and this feature enables the usage.

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 | CNN, RNN | ROS (Robot Operating System) | Power BI | SQL | Transfer Learning | Data Visualization | Web Scraping | Data Preprocessing | pyspark| Wireframe | Big Data| Hadoop| Hive|

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

Python
Native or Bilingual Proficiency

SQL
Native or Bilingual Proficiency

English
Native or Bilingual Proficiency

Hindi
Full Professional Proficiency

AI
Native or Bilingual Proficiency

INTERESTS

Yoga   Dance   Travelling   Chess