Nitish Kumar

Data Scientist

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About me

I have 1+ years of experience in Machine Learning with a proven ability and history of developing full-stack machine learning projects. I'm curious about data, training Machine Learning/ Deep Learning models, and providing beautiful insights that are easily understandable. Hands-on experience in leveraging machine learning, deep learning, transfer learning models to solve challenging business problems.

Professional Experience

10/2021 – present

ML Engineer - II

iNeuron

I am working on a web app named "Auto Neuron". The purpose to develop this web app is to allow non-technical people a platform where they can perform Data Engineering and can train Machine Learning models without even writing a single line of code. Each and action will be performed using a User Interface.

08/2021 – 10/2021

ML Engineer

Company name

I completed an end-to-end project titled "Flight Fare Prediction". This project is developed keeping in mind that traveling through flights has become an integral part of today's lifestyle as more and more people are opting for faster-traveling options.

Projects

SimplifiedAI

- A scalable Web app application to perform Exploratory Data Analysis, Data Preprocessing, Feature engineering, Model training, Process
  scheduling and custom scripting.
- It includes all important parts of the Ml life cycle.
- It is an end-to-end application that is currently running on an AWS EC2 instance.
- Access link: http://18.215.170.251:8080/contact

WAFER FAULT DETECTION

- Wafer is a piece of silicon or other semiconductor material, designed in the form of a very thin disc. Wafers are used to create electronic integrated circuits (ICs) and silicon-based photovoltaic cells. These wafers provide a large volume of data as an output through sensors. Based on the reading provided by the sensors and using classification machine learning algorithms I have predicted if the wafer is faulty or not. Using this ML app the companies can save a huge amount of man power, time as well as money.
- https://github.com/vishalsingh17/WaferFaultDetection

CLASSIFICATION ALGORITHMS APP

- In this web application, we can explore different datasets and classifiers. This project demonstrates how easily interactive web applications can be built with streamlit. Streamlit lets you create apps for your machine learning projects with simple Python scripts.
- https://github.com/vishalsingh17/Explore_classifier_UI

CHATBOT

- Many medium and large organizations are replacing manual customer relationship management and QnA problems with chatbots. Chatbots are more reliable and pocket-friendly for companies. In this project, I have developed a chatbot that can be used in the education sector. I have used DialogFlow to build the bot.
- https://github.com/vishalsingh17/DialogflowChatbot

DEVELOPMENT USING DOCKER

- This demo app shows a simple user profile app set up using index.html with pure js and CSS styles nodejs backend with express module MongoDB for data storage. All components are docker-based.
- https://github.com/vishalsingh17/DockerWithMongoDB

Education

06/2021 – present
MBA
IGNOU

12/2018 – 12/2020
MCA
IGNOU

12/2015 – 12/2018
BCA
IGNOU

Certificates

- Python
- Advanced SQL
- Machine Learning Masters
- Advanced Certificate Program in Data Science

Skills

Programming Languages
Python, C++

Data Mining
Numpy, Pandas, Matplotlib, Plotly

Databases
MySQL, MongoDB, Redis

Frameworks
Flask, Django, Fast API

Version Control
Git, DVC

Tools
Pycharm, Vscode, Postman, Sublime