AIOps Projects

Instructors:

Sunny Bhaveen Chandra:

Sr. Data Scientist and lecturer at iNeuron.ai with working experience in computer vision, natural language processing and embedded systems. Hands-on experience leveraging machine learning, deep learning, transfer learning models to solve challenging business problems. Also, he has a vast interest in Robotics.

Curriculum:

Linux

• Deploying flask app in EC2 Preview

• Deploy Gunicorn app in EC2

• Configuring Nginx for Deployment

• Configuring Elastic IP & SSL certificates for deployment

• Deploy ML application on EC2

DVC

• AIOps project DVC NLP usecase part 01

• AIOps project DVC NLP usecase part 02 Preview

• AIOps project DVC NLP usecase part 03

• AIOps project DVC NLP usecase part 04

• AIOps project DVC NLP usecase part 05

• AIOps project DVC NLP usecase part 06

• AIOps project DVC NLP usecase part 07

• AIOps project DVC NLP usecase part 08

• AIOps project DVC NLP usecase part 09

• AIOps project DVC NLP usecase part 10

• AIOps project DVC NLP usecase part 11

• AIOps project DVC NLP usecase part 12

• AIOps project DVC NLP usecase part 13

• AIOps project DVC NLP usecase part 14

• AIOps project DVC NLP usecase part 15

• Deploy ML application using DVC

• Deploy computer vision application using DVC

• Deploy DL application using DVC with Tensorflow

• Deploy DL application using DVC with Pytorch

Docker

• Dockerize Python Application

• Dockerize Machine Learning Application

• Dockerize computer vision Application

• Dockerize NLP Application

• Docker Compose for multi-container deployments

• Dockerize DL application build with Tensorflow

• Dockerize DL application build with Pytorch

MLFlow

• Deploy ML application using MLFlow

• Deploy vision application using MLFlow

• Deploy NLP application using MLFlow

• Deploy DL application on MLFlow with Tensorflow

• Deploy DL application on MLFlow with Pytorch

Kubernetes

• Deploy ML application using Kubernetes

• Deploy vision application using Kubernetes

• Deploy NLP application using Kubernetes

• Deploy DL application on Kubernetes with Tensorflow

• Deploy DL application on Kubernetes with Pytorch

Kubeflow

• Deploy ML end-to-end application using Kubeflow

• Deploy vision end-to-end application using Kubeflow

• Deploy NLP end-to-end application using Kubeflow

• Deploy DL end-to-end application on Kubeflow with TensorFlow

• Deploy DL end-to-end application on Kubeflow stack with Pytorch

AWS MLOps

• Deploy ML application using AWS AI stack

• Deploy computer vision application using AWS AI stack

• Deploy NLP application using AWS AI stack

• Deploy DL application on AWS AI stack with TensorFlow

• Deploy DL application on AWS AI stack with Pytorch

Azure MLOps

• Deploy computer vision application using Azure AI stack

• Deploy computer vision application using GCP AI stack

• Deploy NLP application using Azure AI stack

• Deploy DL application on Azure AI stack with TensorFlow

• Deploy DL application on Azure AI stack with Pytorch

GCP MLOps

• Deploy ML application using GCP AI stack

• Deploy vision application using GCP AI stack

• Deploy NLP application using GCP AI stack

• Deploy DL application on GCP AI stack with TensorFlow

• Deploy DL application on GCP AI stack with Pytorch

Digital Ocean MLOps

• Deploy ML application using Digital Ocean AI stack

• Deploy computer vision application using Digital Ocean AI stack

• Deploy NLP application using Digital Ocean AI stack

• Deploy DL application on Digital Ocean AI stack with Tensorflow

• Deploy DL application on GCP AI stack with Pytorch