Shrikrishna Ramanbainwad

Engineer(Data Scientist)

I am a passionate Data Scientist with 3.5 years of experience, Having knowledge of Machine learning, Deep learning, RNN, CNN, NLP, Fundamentals of MLOps, ML/DL model building and Always eager to learn and explore new things.

MY CONTACT

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https://github.com/Shri-ds100cr?tab=stars

https://medium.com/@shri.bainwad100cr

SKILLS

- Python, Numpy, Pandas, Data Visualization
- Data Analysis & Data Preprocessing
- Exploratory Data Analysis(EDA), Microsoft Excel
- Machine Learning, Deep Learning, Computer Vision
- NLP, Flask, Streamlit, API, SQL, MLOPS, Power BI, BERT
- Statistics Modeling & Statistics Analysis
- Google Cloud, AWS, Azure

Technical Expertises

- **Programming Languages:-** Python
- **Packages: -** NumPy,Pandas, SciKit-learn, NLTK, Keras Matplotlib, TensorFlow, OpenCV, SciPy, Seaborn, NLTK
- **Tools: -**Jupiter,VScode, Google Colab, Spyder,Git, Pycharm
- **Machine Learning Algorithms :** Linear Regression, Logistic Regression, K-Means, Naive Bayes, Support Vector Machine, Random Forest And XGBOOST
- **Deep Learning Modeling: -** ANN, CNN, RNN, LSTM, NLP, Object Detection, Encoder-Decoder, YOLO

EDUCATION

Bachelor of Engineering
Pune University | 2014-2018, 73%

Extracurricular Activities

- **Six Times Blood** and **Two Times Platelets Donar**
- University **Chess** Player, **Volunteer** activities.

WORK EXPERIENCE

Tech Mahindra | April 2021 - Now

Engineer(Data Scientist)

Project Title : *Casting **defect detection** using **CNN** to reduce inspection time.*

Tools and Techniques:

- **Python**, **Tensorflow**, **Keras**, CNN

Description:

- We Build a Deep learning model to reduce inspection time in the casting process by using a CNN to detect casting defects. The CNN will be trained on a dataset of images of defective and Non-defective castings and classify whether given image is defective or non defective

Project Title : *Wafer **Fault Detection** using **Machine Learning***

Tools and Techniques:

- Python, **Random Forest, Xg Boost,GridSearch**

Description:

- We Build a Machine learning model using Random forest and XgBoost algorithms. The goal is to build model which predicts whether a wafer needs to be replaced or not(i.e., whether it is working or not) based on the inputs from various sensors. There are two classes: +1 and -1.

Tata Technology |March 2019-Sep 2020

Trainee

Project Title : *Lane detection and Identification using **Deep Learning***

Tools and Techniques:

- Python, CNN, RNN, Keras

Description:

- This **CNN** model is used to detect the path for **self-driving cars** and to avoid the risk of getting in another lane.

Personal Projects

Future Sales prediction (Time Series Analytics)

- **Time series** analysis done using **Facebook Prophet**

Customer Segmentation using machine learning

- Built using **K-Means Clustering** algorithm

Credit card **fraud detection** using Machine Learning

- This Model Built using **Logistic Regression Algorithm**

Developed a **ChatBot** for desktop Application

Achievements

- Received " **Pat On Back "(POB)** (2022) and **"Spot Award"** (2021) at Tech Mahindra.

Certifications

- **Cloud** Technical Series participation **Certificate** by **Google**
- **Machine & Deep Learning** by cognitive class **(IBM)**
- **NLP, SQL, Statistics And Six Sigma** by **"Udemy"**
- **Google Cloud platform & Cloud Computing** by Simplilearn
- **Aws** Certificates by Great Learning
- **Azure Fundamental and Azure Services** by Simplilearn