Ishan Dixit
Machine Learning Engineer

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Experienced Machine Learning Engineer, adept at Deep Learning & Data Engineering, having the ability to apply Machine Learning Techniques & Algorithms to solve real-world business problems

SKILLS

Expertise	Libraries	Tools
Supervised Machine Learning	Numpy	Python
Unsupervised Machine Learning	Pandas	Tensorflow
Deep Learning	Matplotlib	Pytorch
Data Analysis	Scikit-Learn	Keras
Data Engineering	Scipy	AWS
Machine Learning Algorithms	Open-CV	MySQL
Computer Vision	NLTK	Linux
Natural Language Processing	Pillow	GIT VCS

PROFESSIONAL EXPERIENCE

SNDK Corp (Deep Foods) · Ahmedabad   July 2019 to Aug. 2020
Machine Learning Engineer

Seashore Tech · Ahmedabad   Nov. 2017 to May 2019
Python Developer

PROJECTS

Anomaly Detection and Predictive Maintenance using Data
- Gathering raw data from a variety of Industrial grade Manufacturing Machines
- Analyzing and Engineering the raw data from the machines
- Visualizing and Gaining insights from the Engineered and Clustered/Classified Data
- Devising Machine Learning and Deep Learning Models to detect anomaly in the data pattern. Pattern Recognition

Human Detection from multiple Security Cameras
- Designing and Developing Deep Learning based Human Detection system for a manufacturing plant
- Integrating a variety of REST API for server-side communication from Mobile Devices
- Applying the concepts of Transfer Learning to achieve 88%+ accuracy mark

Real-Time Facial Recognition Attendance System
- Developing A Supervised Deep Learning Model for Face Recognition based Attendance system
- Training, Testing and Validating various Deep Learning models for classification of 100+ Employee Face data
- Implementing Real-Time Facial Recognition based attendance system on Nvidia Jetson Nano
- Developed a fully automated pipeline while achieving 98%+ accuracy mark

ACADEMIC QUALIFICATION

Gujarat Technological University   July 2013 to May 2017
Bachelors of Engineering E&C