

Nikhil Shrimali

Machine Learning Engineer

A hard-working, knowledgeable and target-oriented techno-functional ML Engineer with specialization on Computer Vision. Skilled in consulting, business analysis, pre-sales and agile delivery methodologies. Driven to succeed; a valuable addition to a forward-thinking company with strong opportunities for progression.



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🐙 github.com/nikshrimali

WORK EXPERIENCE

Analyst - AI

M&G Plc (10FA India Pvt Ltd.)

04/2019 - 06/2020

Mumbai

Achievements/Tasks

- Finalist of Intra-Organization of Hackathon for Information retrieval project

Associate Consultant - Data Scientist

TAO Automation

05/2018 - 04/2019

Bangalore

Achievements/Tasks

- Successfully Implemented invoice processing solution twice using advanced techniques for Intelligent Automation Solution. (Intelligent OCR ABBYY + Machine Learning) as team lead

Associate Consultant - Python

Capgemini

04/2015 - 04/2018

Mumbai

Achievements/Tasks

- Selected as SPOC for implementation of automation projects at client side at Utrecht, Netherlands

EDUCATION

Bachelors of Technology

Arya Institute of Engineering And Technology

07/2011 - 05/2015

Jaipur Rajasthan

Courses

- Computer Science and Engineering

Secondary Education

Maheshwari Public School

04/1999 - 04/2011

Jaipur, Rajasthan

Courses

- Physics, Chemistry, Maths

SKILLS

Pytorch

Python

Deep Learning

Artificial Intelligence

Azure

ML-Ops

Computer Vision

NLP

C++

PROJECTS

Monocular Depth Estimation (11/2020 - 11/2020)

- Combined 3 models to generate 3D information by predicting depth from 2D data, along with bounding boxes and segmentation maps
- Yolo V3 - Bounding boxes and Class prediction
- NVIDIA PlaneRCNN - Segmentation Maps
- Intel- Midas - Depth Estimation

Personal Protection Kit Detection - YoLoV3 (08/2020 - 08/2020)

- Prediction of PPE Kits (Hardhat, Vest, Mask, Boots for construction works on the input data with high Mape
- Collection and annotation of relevant datasets

PEP Identification (08/2019 - 04/2020)

- Requirement mapping with stakeholders
- Data crawling and retrieval from google news searches for keywords using beautiful soup
- Text classification - NLP
- ML-Ops CI-CD, GIT, Jira

Analysis and forecasting of Policy Sales data (06/2019 - 08/2020)

- Univariate time series forecasting
- Dashboarding of output using Power-BI
- ML-Ops CI-CD, GIT, Jira, Azure

INTERESTS

Trekking

Gardening

Reading