DEEPKUMAR PATEL

AI DEVELOPER

PERSONAL DETAILS

Date of Birth
15th September, 2000

Address
Vashi, Navi Mumbai.

CONTACT

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- github.com/deepp15

EDUCATION

SSC (2016)
Sacred Heart high school, Vashi

HSC (2018)
K.B.P College of Science and Commerce, Vashi

BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY (2022)
Pillai College of Engineering, Navi Mumbai

CERTIFICATE

- Python
- Machine Learning

PROFESSIONAL EXPERIENCE

AI Developer   2022 – Present
Checkexplore Technologies   Mahape

SKILLS

- Python
- Machine Learning
- Docker
- RabbitMQ
- Git
- Angular
- My SQL
- TypeScript
- Computer vision

PROJECTS

Vahancheck – Vehicle Pre Inspection System

- To increase the effectiveness and accuracy of inspections, an AI-based vehicle pre-inspection system was developed and put into use. Deep learning and computer vision models are the technologies utilised to categorise the automobiles, their components, and any damages that mayave occurred.
- Models used:
- Yolact++, MaskRCNN, Yolo , FasterRCNN, Tensorflow, Keras
- Roles and responsibility:
  AI Engineer/Data Scientist: responsible for designing, developing and implementing computer vision algorithms.
- Software Developer: responsible for writing code to integrate the algorithms into the project.

TyreCheck – Tyre AI Solution

- The system intends to shorten the time and resources needed to process claims while increasing the accuracy and efficiency of the warranty procedure. It can also be used to spot patterns and trends that might point to manufacturing process problems, helping to increase the tyres quality and safety. The AI-based tyre warranty project might offer manufacturers useful data to enhance their manufacturing procedures and products.
- Models used:
- Yolact++, MaskRCNN, Yolo , FasterRCNN, Tensorflow, Keras
- Roles and responsibility:
- AI Engineer/Data Scientist: responsible for designing, developing and implementing computer vision algorithms.
- Software Developer: responsible for writing code to integrate the algorithms into the project.

Document Data Extraction

- The AI-based document data extraction project is a creative approach that automates the process of extracting data from RC, Aadhar Card, Pan Card, Voter ID, etc. by using artificial intelligence and machine learning algorithms. This system extracts important data from invoices using optical character recognition (OCR) technology.
- Roles and responsibility:
- AI Engineer/Data Scientist: responsible for designing, developing and implementing computer vision algorithms.
- Software Developer: responsible for writing code to integrate the algorithms into the project.

INTERESTS

- Football
- Cricket
- Hiking

LANGUAGES

English
Hindi
Marathi
Gujarati