# Deepkumar Patel

## AI Developer

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## EDUCATION

**Bachelor of Engineering in Information Technology**     2018 – 2022
Pillai College of Engineering     Navi Mumbai

**Higher Secondary School Certificate in Science**     2017 – 2018
K.B.P College of Science and Commerce     Navi Mumbai

**Secondary School Certificate**     2015 – 2016
Sacred Heart High School     Navi Mumbai

## CERTIFICATES

- Python
- Machine Learning

## SKILLS

Python • Machine Learning • Deep Learning • Computer Vision • Docker • RabbitMQ • Git

My SQL • Angular • TypeScript

## PROFESSIONAL EXPERIENCE

**AI Developer**     2022 – present
Checkexplore Technologies     Mahape

## 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 may have 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:**
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**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:**
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- Software Developer: responsible for writing code to integrate the algorithms into the project.

## HOBBIES

- Football
- Cricket
- Hiking

## LANGUAGES

English    Hindi    Gujrati    Marathi