

# MANOJ KUMAR P

## MACHINE LEARNING ENGINEER

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## ABOUT ME

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I am a confident and self-motivated Machine Learning Engineer with two years of experience, including internships. My expertise encompasses a wide range of tools and technologies, including Python, OpenCV, TensorFlow, PyTorch, Docker, and AWS. I am keen on developing and deploying innovative machine learning solutions. I am committed to continuous learning and contributing to positive, productive work environments.

## WORK EXPERIENCE

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### AI/ML Engineer - 2

09/2024 - Present

Hacklab Solutions Private Limited, Bangalore, Karnataka, India

Have been actively working on improving the tracking algorithm by integrating various techniques such as stag markers, feature extration for object re-identification.

### AI/ML Engineer - 1

12/2023 - 08/2024

Hacklab Solutions Private Limited, Bangalore, Karnataka, India

Have developed the complete training pipeline along with modules for the product line ranging from image processing to object detection, tracking and facial recognition.

### AI/ML Trainee Engineer

03/2023 - 11/2023

Hacklab Solutions Private Limited, Bangalore, Karnataka, India

Developed scripts to automate the training process for developing various models used, along with implementing license plate recognition module.

### AI/ML Intern

08/2022 - 02/2023

Hacklab Solutions Private Limited, Bangalore, Karnataka, India

Set up CVAT for annotation and automated task handling with scripts. Enhanced the safety gear detection models for improved accuracy.

### Freelance Developer

09/ 2020 - 11/ 2021

Tamil Nadu, India

Collaboratively worked on various projects in the domains of web and mobile application development for clients from India and abroad.

## EDUCATIONAL BACKGROUND

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### Bachelor of Engineering in Computer Science

Kongu Engineering College  
Erode, Tamil Nadu, India | 2019 - 2023

CGPA : 8.62

**AISSCE (HSC)**

Major in Computer Science, Maths  
Devi Academy  
Chennai, Tamil Nadu, India | 2017 - 2019

**Marks: 86.6%**

**AISSE (SSC)**

Thamarai International School  
Thanjavur, Tamil Nadu, India | 2016 - 2017

**Marks: 95.0%**

**SKILLS**

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**TECHNICAL SKILLS**

- Big Data Stack: Linux, Python (Numpy, Matplotlib, Pandas, OpenCV)
- Pytorch, Tensorflow
- Docker, AWS
- Object Detection, Recognition, Tracking and NLP
- Linear Algebra, Statistics

**SOFT SKILLS**

- Teamwork, multitasking, detailing, time management
- Presentation skill, active listening
- Analysis, logical thinking, decision making