

# Priyansh Bhardwaj

A highly organized person with a keen interest in the field of Data Science and AI seeking a position in the AI domain. I am very much passionate about learning new developments in Deep Learning and Computer Vision.

## EDUCATION

Modern Institute of Technology and Research Centre,  
Alwar — B.Tech

Aug 2018 - Sep 2022      CGPA - 8.95

Kendriya Vidyalaya No.1, Alwar — Intermediate

June 2017      Percentage - 80%

## EXPERIENCE

AI Engineer (intern)

Organisation - Signzy

Work tenure - Sep 2021: Feb 2022

Worked on new and existing AI products, optimised them, worked with frontend and backend team on several projects, worked on business related problems, took complete ownership of various projects.

AI Engineer trainee

Organisation - Signzy

Work tenure - March 2022 : June 2022

Worked on various live AI and backend projects, worked with different teams within the organisation, interacted with clients, and improved various soft skills.

Smart India Hackathon 2022 Grand Finalist at ISRO

Aug 2022

Grand Finalist of SIH 2022 at ISRO, Ahmedabad. Our problem statement was to predict the variations in TEC, Total Electron Count, in the ionosphere due to various space effects and propose an early warning system.

Sabbatical leave - Sep 2022 : Sep 2023

Took 1 year sabbatical leave to prepare for the UPSC exam. During this time I learned the importance of consistency, hard work and dedication that helped me to become a better version of myself which will help me in life wherever I go.

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## SKILLS

Python, AI, Data Science, Data Analysis, Machine Learning, Deep Learning, Deep Neural Networks, Computer Vision, Convolutional Neural Networks, NLP, Tensorflow, PyTorch, Transfer Learning, OpenCV, C, C++, MySQL, NoSQL, Microsoft Azure, Amazon Web Services, MATLAB, GNU Octave, Docker, MongoDB

## TRAINING AND CERTIFICATES

[Convolutional Neural Networks in TensorFlow](#)

[Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning](#)

[Sequence Models](#)

[Convolutional Neural Networks](#)

[Structuring Machine Learning Projects](#)

[Improving Deep Neural Networks: Hyperparameter tuning, Regularization, and Optimization](#)

[Neural Networks and Deep Learning](#)

[Getting Started with AWS](#)

## PROJECTS

### Photo to Story – [URL](#)

Tech Stack - LLM : Falcon 7B

An AI project which creates a suitable caption for the image uploaded by the user and then it uses a LLM, falcon-7b, to create a practical and short story by taking the image caption as context.

### Virtual Hand Painting – [URL](#)

Tech Stack - Computer Vision, OpenCV, MediaPipe

With this one can paint virtually on the screen of a live video feed with the tip of his/her index finger.

### Head/Helmet(HardHat) detector – [URL](#)

Tech Stack - YOLOv4

It detects whether a person in an image or video during a construction work is wearing a helmet(hard hat) or not.

### Virtual Canvas – [URL](#)

Tech Stack - Computer Vision, OpenCV

In Virtual Canvas one can paint on the screen of a live video feed with any color from more than 1000 choices and make any art.

### Object Tracking

Tech Stack - Python, OpenCV

This is a guided project provided by the Coursera project network, helps to understand single and multi-object Tracking.

## ACCOMPLISHMENTS

### Deep Learning Specialization – [URL](#)

The specialization is having 5 courses covering the basics of Deep Learning to advance.

It covers a variety of topics from Neural Networks to CNN to RNN and covers fields such as Computer Vision and NLP.

### Microsoft AI Classroom Series – [URL](#)

Got certified with AI 900 exam certificate.

It covers the basics of data science, machine learning, and understanding of cognitive services to build intelligent solutions using azure.

[Machine Learning](#)

[Python for Machine Learning](#)

[Machine Learning by Andrew Ng](#)

[Machine Learning](#)

## LANGUAGES

Python, C, C++, Java, JS

## VOLUNTEER EXPERIENCE

[Bird Feeding Camp](#)

Student Volunteer at Vikram Sarabhai Space Exhibition

Student Volunteer at Job Fair