

# Vishal Pattar

Student

I am good observer who grasp the things quickly. I like to explore new Technologies and make use of it in my life. My goal is to become a good problem solver and contribute myself in nation building.



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## EDUCATION

### B.E. in Artificial Intelligence and Machine Learning

PES's Modern College of Engineering

12/2021 - Present

Pune, India

Courses

- CGPA: 9.00

## PERSONAL PROJECTS

### DeepFace - Emotional Intelligence Recognition Model (08/2023 - Present)

- Utilized for precise classification of face images by gender, emotions, and age
- Serves as a classification-based model for recognizing the seven distinct emotions of human beings

### AI-Smart Diagnosis - A Deep Learning Model (02/2023 - 07/2023)

- I have made an AI based Deep Learning model which classifies some critical diseases using CT-Scan, X-ray images.
- Kidney, Brain-Tumor, Lungs and Tuberculosis Diseases can be classified.

### KuizApp (08/2023 - 10/2023)

- Developed an aesthetically pleasing quiz application using PHP, MySQL, HTML, CSS, and Vanilla JavaScript, featuring a modern design with vibrant colors
- Implemented secure backend functionality for managing quizzes and user data, ensuring an engaging and intuitive user experience

### Stanford Dog Breed Classification Model (08/2023 - 09/2023)

- Employed for the accurate classification of dog breeds based on their images
- Involves advanced image processing tasks
- Considered over 120 different types of dog breeds for comprehensive classification

### Konnect (04/2022 - 08/2022)

- Developed a social media website using PHP, MySQL, HTML, CSS, and JavaScript, featuring a vibrant green-blue theme
- Implemented user authentication and welcome email functionality using PHP Mailer to enhance user engagement
- Provided various domains for like-minded individuals to chat and connect, fostering community interaction

## CERTIFICATES

### Introduction to Internet of Things, NPTEL (04/2024)

Grade: Elite with Silver Medal

### Python for Data Science, NPTEL (03/2024)

Grade: Elite with Silver Medal

### Ethical Hacking, NPTEL (12/2023)

Grade: Elite with Silver Medal

### Cloud Computing, NPTEL (05/2023)

Grade: Elite

## PROGRAMING SKILLS

Python

JavaScript

Java

C / C++

PHP

MySQL

Machine Learning

Deep Learning

Computer Vision

Cloud Computing

MERN stack

LAMP stack

Tensorflow

Scikit-Learn

Ardiuno Programming

Git & GitHub

## PUBLICATIONS

Research Paper

### Transforming Healthcare - A paradigm Shift through AI-Smart Diagnosis

July 2023

IJARESM, Volume-11, Issue-7

This Research paper investigates the application of Deep Learning to analyze and interpret medical imaging data, such as CT scans, X-rays.

## ACHIEVEMENTS

### E-Yantra Robotics Challenge (08/2023 - 03/2024)

E-yantra Team, IIT Bombay

- Developed a Self-balancing Lunar Scout using advanced control systems and PID tuning, achieving **AIR 9** in the Lunar Scout theme.

## INTERSHIPS

### AWS Data Engineering Virtual Internship, Eduskills (03/2024)

Designed and implemented data pipelines using AWS services such as AWS Glue, AWS Lambda, and Amazon S3.

### AWS AIML Virtual Internship, Eduskills (11/2023)

Explored diverse technologies including OpenCV, Natural Language Processing, Forecasting, etc.

### AWS Cloud Virtual Internship, Eduskills (07/2023)

Gained insight into essential components such as Compute, Database, Storage, Networking, and Security.

## STUDENT CHAPTERS

### Tech Lead

CoDE Club of AIML

10/2023 - Present

Pune, India

### AIML Domain Lead

Google Students Developer Club, PES MCoE

08/2023 - Present

Pune, India