



Probal Kar

K-49

Bachelor of Technology

in Computer Science and Engineering (Artificial Intelligence and Machine Learning)

G. H. Rasoni College of Engineering and Management, Pune

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GitHub | Website

LinkedIn

SUMMARY

Passionate about Machine Learning with expertise in TensorFlow, OpenCV, NumPy, Pandas, Matplotlib, and Streamlit. Seeking opportunities as a Machine Learning Engineer to apply skills in model development, data analysis, and visualization. Eager to contribute to innovative projects and advance proficiency in real-world ML applications.

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech CSE(AI-ML)	GHRCEM, Pune	SPPU	9.39 (Till 4th Sem)	2021-2025
Senior Secondary	K.V. No - 1, Devlali	CBSE	88.4%	2021
Matriculation	K.V. No - 1, Devlali	CBSE	92.8%	2019

EXPERIENCE

• Code Clause

July 2023 - August 2023

Artificial Intelligence Intern

Remote

- Implemented an Object Detection System
- Implemented an Animal Species Prediction System
- Implemented a Blindness Detection/Diabetic Retinography System

PROJECTS

• Screen Auto-Brightness System for Windows

Nov 2023 - Nov 2023

Personal Project

Github

- Created a screen auto-brightness system for windows laptop that automatically adjusts the brightness level of the screen using a webcam.
- Created mainly using OpenCV and Screen Brightness Control Python library.

• Real-Time Face Mask Detection System

Sep 2023 - Oct 2023

College Minor Project

Github

- Created a real-time face mask detection system that detects whether a person is wearing a mask or not and also estimates their age and gender.
- Created mainly using OpenCV, Tensorflow and DeepFace Python library.

• Rock-Paper-Scissor using Hand Gestures

Nov 2023 - Nov 2023

Personal

Github

- Created a Rock-Paper-Scissor Game that is played using hand gestures against the computer.
- Created mainly using OpenCV, cvzone, mediapipe, time and random Python library.

SKILLS

- **Programming Languages:** C/C++, Python, HTML/CSS, Javascript
- **Tools:** Jupyter, VS Code, Google Colab & WSL2
- **Frameworks:** Tensorflow/Keras/PyTorch, OpenCV, Scikit-learn, Matplotlib, Seaborn, Pandas, Numpy, Streamlit, MySQL & MongoDB
- **Non-Technical:** Teamwork, Time Management, Communication, Emotional Intelligence
- **Languages:** English, Hindi & Bengali

CERTIFICATIONS

- **AI Programming with Python Nanodegree** Udacity
- **Machine Learning Specialization by Andrew Ng** Coursera
- **DSA in Python** Geeks for Geeks

POSITIONS OF RESPONSIBILITY

- **Technical Team Co-Lead**, Google Developers Students Club, GHRCEM Pune
- **Technical Team Member**, AI & Coding Club, GHRCEM Pune

Aug 2023 - Present

Sep 2022 - Feb 2023

HOBBIES

- Travelling, Gaming, Music, Reading, Movies