



# Probal Kar

K-49

Bachelor of Technology

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

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

+91-8087488197

probalkar03@gmail.com

probal.kar.aiml@ghrcem.raisoni.net

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.

## TECHNICAL SKILLS

- Programming Languages:** C/C++, Python, HTML/CSS, Javascript
- Tools and Frameworks:** Jupyter, VS Code, Google Colab & WSL2
- AI/ML:** Tensorflow/Keras/PyTorch, OpenCV, Scikit-learn, Matplotlib, Seaborn, Pandas, Numpy & Streamlit

## 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 Aug 2023 - Present
- Technical Team Member**, AI & Coding Club, GHRCEM Pune Sep 2022 - Feb 2023

## SKILLS

- Programming
- Teamwork
- Time Management
- Communication Skills
- Emotional Intelligence