

HARISH H KULKARNI

Hubballi-580031, Karnataka

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CAREER OBJECTIVE

A Computer Science fresher with hands-on experience in Machine Learning, Computer Vision, and IoT projects. Skilled in Python, OpenCV, Streamlit, Django, and Arduino with strong problem-solving abilities. Actively looking for opportunities in Software Development / Machine Learning / IoT where I can contribute immediately and grow with the team

EDUCATION

K.L.E. Institute of Technology

Master of Computer Applications (8.34 CGPA)

Hubballi, Karnataka

February 2023 - September 2024

Global Innovative College of BCA

Bachelor of Computer Applications (75.29%)

Hubballi, Karnataka

August 2019 - Oct 2022

TECHNICAL SKILLS

Languages: Python, Java, C/C++

Database: MySQL

Frameworks: Streamlit, Django, Flask

Libraries: pandas, NumPy, Matplotlib,

Design/Modeling Tools: Blender

INTERNSHIP

CEVI Intern, KLE Tech University

Center of Excellence in Visual Intelligence

November 2023 – December 2023

Hubballi, Karnataka

- Built an image denoising model using Convolutional Neural Networks (CNNs) to remove different types of noise from images.
- Ensured the model preserved fine details while improving clarity and quality, resulting in better visual fidelity.

KEY PROJECTS

Musical Chord Identification | Python, Machine Learning

Jul 2024

- Designed a machine learning pipeline to classify piano chords.
- Converted audio recordings into waveform images using Discrete Fourier Transform (DFT).
- Trained and evaluated deep learning models with accuracy, precision, recall, and F1-score metrics.

Secure Data Transfer Using Multimedia Steganography | Python, Firebase, Django

May 2022

- Implemented a secure communication system using steganography to hide confidential data in multimedia files.
- Built a web interface with Firebase backend for safe data exchange.

MINI PROJECTS

Face Recognition Attendance System | Python, ML, Streamlit

Jul 2024

- Automated attendance using OpenCV and the LBPH algorithm for real-time face detection and recognition.
- Added features like Excel-based tracking, subject-wise/monthly analytics, and user-friendly UI with Streamlit.

CERTIFICATIONS

- Completed AI with Python Keonics - Hubballi
- Completed NPTEL courses in Introduction to Internet of Things (60%) from the Indian Institute of Technology Kharagpur.