

MANOJ H P

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PROJECTS

Skin Cancer Detection Using AI

Tech Stack: Python, flask, Deep Learning, HTML, CSS, SQL, OpenCV, Tensorflow.

- Using the ISIC dataset, a CNN model was created to predict whether skin lesions would be benign or malignant.
- Achieved high accuracy through image processing, data augmentation and model tuning.
- In addition, the model was deployed using the Flask web application, and HTML and CSS were used for UI design.
- Made sure user can easily interact with the website and get efficient results.

Personal Portfolio Website

Tech Stack: HTML, CSS, Flask, SQL.

- Designed and developed a responsive personal portfolio website using HTML and CSS to showcase my projects, skills, education, and achievements in a professional format.
- Utilized flask and SQL for Backend operations, where the visitor can drop is suggestion through suggestion page and can download my resume.

EDUCATION

Bachelor of Engineering In Artificial Intelligence and Machine Learning

K.S Institute of Technology, Bengaluru | *Expected Graduation: 2026*

CGPA: 7.86 (6th semester)

PUC (PCMC - KSEEB), AMC PU College, Bengaluru

Graduated: 2022 | Percentage: 85.5%

TECHNICAL SKILLS

- **Programming Languages:** Python(Intermediate), java(Intermediate), C(Beginner).
- **Web Development:** HTML, CSS, Flask.
- **Data Analysis:** Power BI(Intermediate), SQL(Intermediate),Excel.
- **Machine Learning:** Basic knowledge of ML Algorithms, Tensorflow, Scikit-Learn.
- **Other Skills:** SDLC(Intermediate), GitHub, Google-colab, Anaconda, VS code.

CERTIFICATIONS

- A certificate of completion for the HTML student training program offered by IIT Bombay.
- Database Management System certification obtained via Infosys Springboard.
- Finished learning the fundamentals of Python programming using the Infosys Spring Board.
- Participated in a three-day Power BI workshop.
- Successfully finished a 10-day course on personality development and communication skills.
- Submitted a survey paper to IARJSET and published a thorough study on skin cancer diagnosis using AI.