

Pranav Subhash Tikone

A practical proficient learner

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EXPERIENCE :

Smart India Hackathon (SIH) 2023, Bangalore — *Finalist*

19/12/2023 - 21/12/2023

P.S : Creating a Fitness tracking application using MATLAB and Simulink.

Created an AI fitness chatbot to respond to inquiries related to health and nutrition and integrated it into the fitness app.

Developed an app with 3 primary features : Pedometer, Human Activity Recognition, and an AI Chatbot.

NEXUS 36-hour Hackathon 2023, IIIT Pune — *Finalist*

26/10/2023 - 28/10/2023

Role : Team Leader

Developed an Overspeed detection system using ML models such as YOLO and Tensorflow.

Developed a web application for live vehicle tracking, including latitudinal and longitudinal position, and speed detection for backup.

PROJECTS :

Sudoku Solver — *Tech stack : HTML | CSS | Java script*

Developed a Sudoku solver utilizing the Backtracking algorithm. It is designed to tackle Sudoku puzzles by accommodating random user-generated entries.

Tic Tac Toe Game — *Tech stack : C++*

Implemented a Tic Tac Toe game using C++ programming language. Utilized the minimax algorithm to create an unbeatable computer player, ensuring optimal moves in every turn. This project demonstrates proficiency in algorithmic thinking, game development, and problem-solving in C++.

Movie Recommender System — *Tech stack : Python | ML | Streamlit*

Developed a recommendation system using Machine learning modules. Implemented a Netflix like interface using Streamlit for a user-friendly experience. Used Pandas and scikit-learn, employing CountVectorizer and cosine similarity. Cleaned data was stored in pickle files, and a user-friendly interface resembling Netflix was created with Streamlit.

SKILLS :

Programming :

C | C++ | Python | HTML | CSS | JavaScript | ExpressJS | NodeJS | Machine Learning | Deep Learning | SQL | Kaggle | Git

Other :

Drums | Music | Football | Martial arts

EDUCATION :

National Institute of Technology, Goa

B.Tech, Computer Science and

Engineering (CSE) | CGPA : 8.06

2022-2026

CERTIFICATIONS & COURSES :

Machine Learning Specialization

[Coursera Certified](#) | May 2023

Skills learned : Supervised & Unsupervised learning | Deep Learning | Neural Networks | Reinforcement Learning

DSA Self - Paced Course

GeekForGeeks

Skills learned : Data Structures | Algorithms | C++

ACHIEVEMENTS :

Achieved 5th place overall & 1st place among 2nd-yr students in the DSA based July coding challenge organized by Coding Club NIT Goa

Language used : C++

LeetCode :

Solved 100+ LeetCode questions.

Currently at 80/150 for the LeetCode 150 Interview Badge.

GeekForGeeks :

Currently on a coding score of 471 with an institute rank of 21.