

Darshan Patil

[LinkedIn](#) | [GitHub](#) | [Leetcode](#)

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EDUCATION

G. H. Raison College of Engineering, Nagpur

Bachelor of Technology in Artificial Intelligence

Nagpur, India

2020 – 2024

Indian Institute of Technology, Gandhinagar

Bachelor of Computer Science and Engineering (Non Degree Program)

Gandhinagar, India

Jan 2022 - May 2022

EXPERIENCE

Research Intern

Curtin University

Sept 2022 - Feb 2023

Remote – Malaysia

- Development of new algorithm to accurately segment liver tumors in medical images, enhancing diagnosis and treatment planning

Projects Lead

Centre of Excellence in AI and Machine Learning, GHRCE

Dec 2021 - Present

Nagpur, India

- Worked on several deep learning and machine learning projects with delivering successful outcomes
- Ensuring the adherence to best practices and industry standards in AI and Machine Learning projects as a project lead within a Center of Excellence.

Freelancer

Copenhagen Business School

Aug 2022 - Mar 2023

Remote – Denmark

- Offering coding assistance to postdoctoral fellows in Machine Learning and Statistical projects. Also helping them with implementation and optimization of their research ideas

PROJECTS

BingChat EmoBot for emotional assistance

[Source Code](#)

- Developed and implemented EmoBot, a BingChat-based chatbot utilizing emotion recognition technology through a camera to provide personalized emotional support and assistance to users.

IIT-GN-Hostel-Database-Management-System

[Source Code](#)

- A web-based system built for hostel management system for our College(IIT Gandhinagar) as a part of DBMS Course.

Personality Prediction System

[Source Code](#)

- Using Machine Learning techniques to predict an individuals Myers-Briggs Type Indicator (MBTI) personality type based on their responses to a set of questions or on other input data.

Liver Tumour Segmentation

[Source Code](#)

- Researched and Explored new architectures and evaluate the effectiveness of state-of-the-art techniques such as attention U-Net, V-Net, and DeepMedic to improve the accuracy and efficiency of Liver tumor segmentation.

Medicine Recommendation System

[Source Code](#)

- Built a powerful medicine recommendation website using React.js and Python. It utilizes user reviews and rankings to offer personalized medicine suggestions, empowering informed healthcare decisions.

TECHNICAL SKILLS

Languages : Python , C++ , JavaScript , R , SQL , HTML , CSS

Frameworks : Tensorflow , Flask , Pytorch , React , NLTK , Django , OpenCV , Bootstrap

Databases : MySQL, MongoDB

Dev Tools : Git , GitHub , Jupyter Notebook , AWS , Hadoop , Power BI