B VIDEEP KUMAR REDDY

☎ 843-185-3391   📍 NITK,Surathkal,Karnataka 575025   @ videep53@gmail.com   🔗 videepreddy   🐙 videep1

EDUCATION

National Institute of Technology Karnataka(NITK), Surathkal   Surathkal, India
B.Tech in Computer Science and Engineering (CGPA: 8.23/10)   Aug '19 - present

Secondary High School:Narayana PU College   Bangalore, India
Karnataka PU board (Class XII-79%) (studied Computer Science)   May'17 - March'19

High School:Narayana E Techno School   Bangalore, India
CBSE board (Class X -CGPA:10/10)

TECHNICAL SKILLS

- **Programming/DBMS/Dev:**C, C++, Python, MYSQL, HTML, CSS, Django
- **Tools/Frameworks:**Scikit-Learn, Pandas, Git, OpenCV,Numpy,Matplotlib
- **Area of Interest:** Machine Learning, Deep Learning, Data Science, UI/UX, Web Development, Image Processing,Computer Vision

KEY COURSES UNDERTAKEN

- **Computer Science:**Data Structures and Algorithms, Theory of Computation, Database Management, Design and Analysis of Algorithms, Operating Systems ,machine learning
- **Mathematics:**Linear Algebra and Matrices, Discrete Mathematical Structures
- **Management:**Financial Management, Human Resources Management,leadership and emotional intelligence (external course)

PROJECT HIGHLIGHTS

Railway Management System   jan '21 -March '21
- Used Django and MYSQL as database.
- Designed for managing passenger details and Ticket booking.
- Easy access for Admins to update the database.

Image Processing
- Project on implementation of Computer Vision.
- Implemented different codes for working different kinds of image processing applications.
it contains code for face recognition, face count, images blend, noise cancellation.

Instagram Post Downloader   May'20-July'20
- Project on Web scarping using tools available in Python .
- Analysed how the Instagram website works and how its JSON model looks for applying Web scraping.
- Downloads at the same speed any average file takes in google chrome.

Machine Learning   May'20-present
- Implemented different Regression Models.
- Models like linear,logistic, K-Means, SVM, xgboost have been implemented.
- Tunned such that we get the best score.
- Used Scikit-Learn, pandas, Numpy.

EXTRA-CURRICULARS

- Awarded **Gold Medal** for clearing Unified Cyber Olympiad in Zone level.   UCO-2015
- Got Selected for **Winter of Code NITK-2019** for Proposal Submitted for a project and completed   Dec'19-Jan'20
Successfully.
- Ranked **10** in Machine Learning Model training competition conducted in NITK.
- Ranked **2048** out of 1.3 million candidates in JEE Main Examination in 2019.
- Earned **Certificate of Merit** for outstanding performance in 10th CBSE Exam.
- Hobbies: Problem Solving, Logical Thinking, Competitive Programming, Swimming, Badminton, Cricket.