Mahesh Vaishnav

maheshkot86@gmail.com

Education

2022*
B.TECH. IN CSE
IIIT Nagpur

2016
SCHOOL
Kendriya Vidyalaya No. 1 Bhuj

Links

Github:// **mark_mahesh**
LinkedIn:// **mark_mahesh**
Website:// **homepage**
Codechef:// **mark_mahesh**
Codeforces:// **mark_mahesh**

Skills

OS
GNU/Linux, Windows

LANGUAGES
C/C++, Java, Python, JS, Assembly, Shell

FRAMEWORK
Django, Node.js, react.js, PHP

DATABASES
MySQL

OTHERS
Git, Vim, Android Studio
LaTeX

Interests

Competitive Programming
Open Source Software Development
Backend Development
Full Stack Development
System Programming

Coursework

Data Structures and Algorithms
Object Oriented Programming
Operating Systems
Database Management Systems
Computer Networks

Experience

OCT'20 **Hacktober Fest**   **Open Source Contribution**
Made eligible PRs for Hacktoberfest and completed this year's Challenge.
Git, Linux, VM, Github

DEC'19 **Verzeo, Microsoft as AEP**   **Winter Intern**
Using CNN and RNN models we worked on 2 major and 2 minor projects like Toxic comment prediction and Sentimental Analysis projects.
Keras, Microsoft Azure, NLP, ANN, RNN

Selected Projects

2020 **Mask Detection**   **HCL Health Hackathon**
Detected a person is wearing mask or not using Haar Cascade Classifier algorithm with CNN model using OpenCV API. Successfully detected masked and unmasked faces in a photograph and in a video file.
Python, Jupyter Notebook

2020 **Sports CLub Website**   **Personal Project**
Designed and developed website for IIIT Nagpur Sports Club(Eklavya).
HTML, CSS, JS, Bootstrap

2020 **File Sharing Protocol**   **Course project**
Developed an application layer file transfer protocol, as a client-server model, with support for TCP/UDP. It had features like upload, download, indexed searching and application level error checking.
UDP, TCP, Cisco Packet Tracer

2019 **Rennspiel**   **Personal project**
Developed a car racing game from scratch on Codeblocks platform using SFML library in c++, which have functionality of pause,start,reset,boost and a track with restricted boundaries.
SFML, C++, OOP, CodeBlocks

Achievements/Awards

2020 **Codechef December Long Challenge**   **World Rank 114**
4 Star at CodeChef with rating 1814.

2020 **TantraFiesta**   **Organisers**
Oraganised various virtual events in TantraFiesta 2020 which is a National Level Technical Fest of IIITN.

2018 **Army SSB**   **SSB TES(10+2)**
SSB Candidate interviewed in Bhopal for Army.

Extra Curriculars

2020-NOW **Founder**   **Eklavya Sports Club**
Founder and Sports Secratary(SAC) of the Sports club at IIIT Nagpur, which works for the development of sports culture in the college.

2020-NOW **Inter IIIT Sports Meet**   **Secured 3rd place**
Secured 3rd place in Inter IIIT Tournament.