

Nikhil Singh

Email-id : singh.nikhil.2016880@gmail.com

Mobile No.: 6376774172,

Linkedin: <https://www.linkedin.com/in/nikhil-singh-581636212/>

Github: <https://github.com/NikhilSingh22>

ACADEMIC DETAILS

Year	Degree/Exam	Institute	CGPA/Marks(%)
Sept, 2020 - Present	B.TECH in Computer Science	Graphic Era University Dehradun	9.21/10 GPA
2020	12 th , C.B.S.E	U.C.S.K.M Public school	89.4 %
2018	10 th , C.B.S.E	U.C.S.K.M Public school	85.83 %

PROJECTS

- **Online Course Provider Application** (Jan, 2023 - Feb, 2023) : **React** | **Node.js** | **Express.js** | **MongoDB** | **Redux**
 - Developed a full stack online learning application which provides various courses, where users can watch videos of courses according to their interests with user authentication and admin dashboard to add new courses and video lectures.
- **Stock Visualization and Forecasting** (Nov, 2022 - Dec, 2022) : **Streamlit** | **Python** | **LSTM**
 - Developed a stock visualization system using Long short-term memory (LSTM) an artificial neural network used for times series forecasting.
- **Movie Recommender System** (July, 2022 - Aug, 2022) : **Streamlit** | **Python** | **Machine Vectorizer** | **Pickle**
 - Created a movie recommender based on a dataset of TMDB movies downloaded from Kaggle, preprocessed using scikit-learn, converted into vectors using vectorizer, and predicted the top similar movies using a cosine similarity metric.
- **Online Whiteboard** (June, 2022 - July, 2022) : **EJS** | **Node** | **Express** | **Web-sockets** | **HTML Canvas**
 - Developed an online whiteboard application for teaching/learning. Through web socket communication, users are able to write and share real-time changes with connected members simultaneously.

TECHNICAL SKILLS

- **Languages:** C++ (proficient), C (proficient), Java, Python, JavaScript.
- **Frame Work:** React, Node.js, Express.js, MongoDB, Streamlit.
- **Machine Learning** : ML Algorithms, Model Development, Data Visualization, Predictive Analysis.
- **Tools** VS Code, Sublime Text, Latex.
- **Platform** Linux, Windows.

SCHOLASTIC/ CO-SCHOLASTIC ACHIEVEMENTS

- Shortlisted for **Round 2** in **Bug Debug** organized by Computer Society of India.
- Secured Rank **1228/11000+** in **Codechef** March Long Two 2022.
- Secured Rank **2094/20000+** in **Codechef** Starters 55.
- Shortlisted for **Microsoft engage** program 2022.

POSITIONS OF RESPONSIBILITY

- **GDSC GEU Member:** With our virtual webinars, learning programs, and beginners' camps on various technologies, we help new students to learn more in the technical field.