

Shailja Bahuguna

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<https://github.com/shailja2727>

ACADEMIC DETAILS

Year	Degree/Exam	Institute	SGPA/Marks
Sept,2020-Present	B.TECH in Computer Science	Graphic Era University,Dehradun	9.46/10
2020	12 th , C.B.S.E	Gautam International Sr. Sec. School	93.50 %
2018	10 th , C.B.S.E	Gautam International Sr. Sec. School	95.60 %

WORK EXPERIENCE AND PROJECTS

- **Database Structures and Management with MySQL offered by Meta** : Developed a working knowledge of the MySQL database management system (DBMS). Gain DBMS skills such as data creation, querying and manipulation.

PROJECTS

- **Digit Recognition System Using Streamlit** (Sept,2022) : The objective of this project is to develop a functional web application which recognizes the digit drawn by the user between 0-9 in the canvas.It uses MNIST dataset for training and validation.The model can be used by a system to interpret the manually written digits from various sources like bank cheques, papers, pictures,messages.This project can be extended by adding a voice guide which can also be of great help to the visually impaired.
- **Music Genre Detection using Machine Learning** (Apr,2022 - Dec,2021) :The project, Music Genre Detection, aims to aid user to detect genre of the music using K-Nearest Neighbour(KNN)Algorithm. It uses GTZAN dataset to categorize each audio file in a category like audio belongs to Pop,Classical Jazz,etc. This project can be extended to work as a music recommendation system.
- **Weather App using API** (Oct,2021 - Dec,2021) : Developed a responsive Weather Web App with effective graphical user interface using JavaScript,HTML and CSS (for styling).It uses a well known API to fetch the data according to the input-details from the user and displays the forecast using visualizations.

TECHNICAL SKILLS

- **Languages** : C, C++, Java, HTML, CSS,Python
- **Database** : My SQL (Relational database)
- **Tools and Frameworks** : VS Code,Linux,GitHub,Jupyter Notebook,PyCharm

SCHOLASTIC AND CO-SCHOLASTIC ACHIEVEMENTS

- Awarded as the Student Of The Year by Gautam International School,Dehradun
- **Geo Map Quiz** - Secured 2nd rank in National Geo Map quiz City final in 2017
- **Honeywell Safe Schools Quiz** - Secured 2nd position in the SAFETY FIRST:Honeywell Safe Schools quiz in 2019
- **District Taekwondo Championship** - Secured 1st position in District Taekwondo and Poomsae Championship in 2015