

# Rohan Singh

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**Data Science & Analytics Skills:** Python (Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, OpenCV, TensorFlow, Keras, Flask), R, Tableau, MSoffice, SQL, Git/Github, Statistics, Linear Algebra, Machine Learning, Deep Learning

**SDE Skills:** Java, C++, JavaScript, ReactJS/NextJS, ExpressJS, Nodejs, MongoDB, Socket.io, Canva/Figma.

## EDUCATION

Course	Tenure	Educational institution	CGPA
B. Tech (CSE)	August 2020 – Ongoing	Vellore Institute of Technology, Bhopal	7.84

## ACADEMIC PROJECTS

Data Science	<b>Reverse Image Search and Recommendation System</b> <ul style="list-style-type: none"><li>- <b>Description:</b> The Model involves the process of searching and recommending for more relevant images using images. which means we can search for images from datasets of <b>44K</b> images having very close features to the uploaded image calculating Euclidean Distance.</li><li>- <b>Technology:</b> Python, Numpy, Pandas, Tensorflow/ Keras, OpenCV, Transfer Learning</li><li>- <b><u>Project Link</u></b></li></ul>
Data Science	<b>Deep Audio Analyzer</b> <ul style="list-style-type: none"><li>- <b>Description:</b> Audio classification model can classify sounds and to predict the category of that sound. Preprocessing Data and converting audio files into Spectrogram. Train a deep learning CNN Model on Spectrogram data and classify the genre of that audio.</li><li>- <b>Technology:</b> Python, Numpy, Pandas, Matplotlib, Seaborn, Tensorflow / Keras</li><li>- <b><u>Project Link</u></b></li></ul>
Data Science	<b>Numeric Detection and Localization</b> <ul style="list-style-type: none"><li>- <b>Description:</b> CNN Model Capable of Detecting any Numeric value in Image and Localizing it by marking plotting rectangle patch around detected image. Using Regression and Classification at the same time. Classification for classifying Image and Regression to highlight boundary</li><li>- <b>Technology:</b> Python, Numpy, Pandas, Matplotlib. pyplot, Scikit, Tensorflow/Keras, Opencv</li><li>- <b><u>Project Link</u></b></li></ul>

## INTERNSHIP EXPERIENCE

The Web Outfit (March - June, 2022)	<b>Freelance Developer</b> <ul style="list-style-type: none"><li>- Worked on Front and Back-end functionality of the website to produce clean code that followed the design and functional specifications.</li><li>- Prioritized and fixed site-related design problems and took the initiative to implement new features based on feedback from users.</li><li>- Effectively planned, scheduled, and arranged the tasks to ensure the project gets delivered under the promised time.</li><li>- Learnt synergism, cooperation with a team of 6+ developers alliance.</li></ul>
Beta Testers (Nov - Dec, 2021)	<b>Intern Frontend Developer</b> <ul style="list-style-type: none"><li>- Built a website for <b>Australian company "Corporality"</b> using the modern tech stack (MERN).</li><li>- Worked on JavaScript, React JS, CSS, Bootstrap and Mobile responsiveness.</li><li>- Learned to use Figma, animations on the website, different hooks, Bootstrap and deliver clean as well as efficient code.</li><li>- Edited existing code to improve browser compatibility and mobile responsiveness.</li><li>- Participated in tech-team meetings to discuss strategies and ways to produce efficient work.</li><li>- Collaborated and worked with 10+ developers and designers.</li></ul>

## EXTRACURRICULARS AND ACHIEVEMENTS

Achievements	Won <b>Hacking Heist International Hackathon</b> as the best business model in the web development
Certificate	Google Data Analytics Professional Certificate