

KRISHANU RAI

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EDUCATION

Graphic Era University Bachelor of Technology Computer Science Engineering <i>GPA: 8.0</i>	Dehradun, Uttarakhand May 2019 - May 2023
Army Public School Senior Year <i>GPA: 7.8</i>	Clement Town, Dehradun January 2018 - January 2019

EXPERIENCE

GirlScript Summer of Code <i>Open Source Contributor</i>	Remote April 2021 - August 2021
<ul style="list-style-type: none">• Learnt About Real, Large-Scale projects• Learnt To Work As A Team• Increased Network With The Community	

SKILLS

Proficient:	C++, Python, JavaScript, Express.js, React, Node.js, CSS3, MongoDB, HTML5, MySQL
Exposure:	Java, JavaScript, Django, AWS, Flask, SQL, SQLite, MySQL, Git, Docker

PROJECTS

Voice Based Email for Visually Challenged *Python*

The user will have to respond through voice hence making it a viable source of communication for visually challenged people. Our team consisted of 2 members.

Recommender System *Python, Machine Learning*

Deployed a Full - Stack Content based Recommender System which recommends movies based on the genre of the given movie, Used Streamlit to make a website using Python. With 0.98 as the mean of average precision.

Handwritten Digit Recognition *Python, Deep Learning*

Devised an app which recognizes hand written digit. MNIST dataset was used in this project. With Convolutional Neural Network as the algorithm. Created a graphical user interface using tkinter to provide a nice and easy user experience. Handwritten characters have been recognized with more than 97% test accuracy.

Road Lane Line Detection *Python, OpenCV*

Using computer vision techniques in Python, identified road lane lines in which autonomous cars must run.

Smart Chatbot *Python, Deep Learning*

Engineered a chatbot to simulate near-human interactions with users. It can have free-flowing conversations and understands intent, language, and sentiment. Sarcasm is not understood by this bot.

Student Report Management System *HTML, CSS, MySQL*

Architected a fully functional website where users store student reports in a Database and then retrieve it.

Sorting Algorithms Deep Analysis *Vue.js, HTML, CSS*

Assessed, analyzed and visualized 4 different sorting algorithms based on their respective runtimes.

CERTIFICATIONS

HTML, CSS, and JavaScript for Web Developers	Coursera
Python Training	Kaggle
Machine Learning	Kaggle
Data Structures and Algorithms	Geeks4Geeks
SQL	Datacamp
Data Analysis in Spreadsheets	Datacamp