

Dravyanshu Singh

A technology and software enthusiast, always ready to enhance my skills and work with utmost dedication. I consider myself a 'forever student'

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EDUCATION

B.Tech, Computer Science Graphic Era Deemed To be University

08/2020 – 05/2024

9.7CGPA

Intermediate St. Mary's Senior Secondary School

04/2018 – 05/2019

94.0%

Matriculation St. Mary's Senior Secondary School

04/2016 – 05/2017

10CGPA

SKILLS

- **Languages** : C++, C, Python, Java
- **Frontend technologies** : HTML, CSS, Javascript, Bootstrap 5, jQuery, ReactJS, Styled Components
- **Backend technologies** : NodeJS, Express, PHP
- **Database** : MySQL, MongoDB, Mongoose
- **Machine Learning** : TensorFlow, OpenCV, Matplotlib
- **Others** : Git, Linux Command Lines
- **Subject** : OOP(C++), Data Structures and Algorithms

ONLINE COURSES

- GFG : C++ STL
- GFG : Data Structures and Algorithms [DSA-self paced]
- Udemy : Linux Mastery , Master the Linux Command Line
- Udemy : Complete JAVASCRIPT with HTML5, CSS3 from zero to Expert-2021
- Udemy : Python Bootcamp 2021 Build 15 working Applications and Games
- Coursera : Building Database Application in PHP
- Coursera : Introduction to Structured Query Language (SQL)
- Coursera : JavaScript, jQuery, and JSON

AREAS OF INTEREST

- Web Development and Competitive Coding
- Playing Board Games

PROJECTS

Driver Drowsiness Detection

- Driver drowsiness detection is a car safety technology which prevents accidents when the driver is getting drowsy. Detect the driver drowsiness by estimating vision system of him.
- Automatic drowsy driver monitoring and accident prevention system that is based on monitoring the changes in the eye blink duration.
- TechStacks : TensorFlow, OpenCV, Matplotlib, NumPy
- Link : https://github.com/DravyanshuSingh/Driver_Drowsiness_Detection_System-

Sorting Visualizer

- Sorting Visualizer allows user to select sorting algorithm that is used to sort a set of random numbers as a data set and helps to visualize the sorting process using a web application.
- TechStacks : HTML, CSS, Javascript, Bootstrap5
- Link : https://github.com/DravyanshuSingh/Sorting_Visualizer

To Do List

- A general-purpose web app to store and organise tasks, has functionalities like adding / removing items from different lists. User can also create different list for different tasks.
- TechStacks : HTML, CSS, Javascript, Bootstrap5, NodeJS, Express, MongoDB
- Link : <https://github.com/DravyanshuSingh/ToDo-list>

Simon Game

- Web App is a simple illustration of well-known Simon Game.
- TechStacks : HTML, CSS, Javascript, Bootstrap5, NodeJS, Express
- Link : <https://dravyanshusingh.github.io/Simon-Game/>

POSITION OF RESPONSIBILITY

- Volunteer of National Service Scheme (NSS), Graphic Era (Deemed to be University) Dehradun
- Member of Swaraghini, Graphic Era (Deemed to be University) Dehradun
- Member of ACM, Graphic Era (Deemed to be University) Dehradun