

# Divyanshu

Portfolio-Website | LinkedIn | Github  
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## EDUCATION

### PUNJAB ENGINEERING COLLEGE

B.TECH IN COMPUTER SCIENCE AND ENGINEERING  
Graduating 2025 | Chandigarh, India  
CGPA : 8.88 / 10

### DAV PUBLIC SCHOOL XII (AISSCE)

Graduated 2021 | Patiala, Punjab  
Percentage : 91.8

### DAV PUBLIC SCHOOL X (AISSE)

Graduated 2019 | Patiala, Punjab  
Percentage : 91.2

## CERTIFICATIONS

AWS Machine Learning Foundations://  
**Udacity**  
Virtual Experience Program Participant://  
**Goldman Sachs**  
30 Days of Google Cloud://  
**Google Cloud Platform**

## SKILLS

### PROGRAMMING

Languages:

• C++ • Python • SQL • Javascript  
• Assembly • Shell • HTML • CSS

Libraries/Frameworks:

• Firebase • C++ STL • Bootstrap  
• OpenCV

Tools:

• Git • Github • Linux • Bash •  $\LaTeX$   
• VS Code

### CS SUBJECTS

• Operating Systems • Computer Networks • DBMS • OOPS • Data Structures and Algorithms

### MATHEMATICS

• Discrete Structures • Probability and Statistics • Calculus and Ordinary Differential Equations • Basics of Linear Algebra

### INTERPERSONAL SKILLS

• Leadership Qualities • Adaptability  
• Efficient Team Player • Quick Learner  
• Active Listener • Growth Mindset  
• Work Ethic

## PROJECTS

### BLANKIFY | GITHUB

Technologies | Dart, Flutter, Firebase

- Developed a Flutter-based Text Classification NLP/ML Web App that provides top three most suitable classes corresponding to user text input.
- Utilized NLP and ML techniques for text classification in the app.
- Won 3rd Prize in a 24Hr Hackathon among 50+ teams for developing and presenting the Blankify project.
- Used Firebase Core for initializing the app and Firebase Authentication for user login and signup functionality.

### PORTFOLIO-TERMINAL | GITHUB

Technologies | HTML, CSS, Javascript

- Built a unique and engaging portfolio website styled after the command line interface.
- User can pick from 5 different themes according to their preference.
- Designed an intuitive navigation system to help users quickly find what they are looking for.
- Created a command line simulation and implemented various commands such as cat, cd, ls, and tree to showcase skills and projects.

### MASK DETECTOR | GITHUB

Technologies | MobileNetV2, MTCNN, Keras, Tensorflow, scikit-learn, SciPy

- Developed and implemented a Covid mask detector using MTCNN and MobileNetV2, utilizing frameworks and libraries such as Keras, Tensorflow, and scikit-learn.
- Successfully designed and executed a project that detects masks in real-time video using Python3, resulting in improved safety and compliance with Covid-19 regulations.

### TUNIFY | GITHUB

Technologies | Python 3, Jupyter Notebook, Spotipy library, Spotify API

- Developed Tunify, a Spotify music recommendation system that suggests similar songs based on a user-provided seed song.
- Utilized the Spotify API and Spotipy library to extract audio features of songs and calculate similarity scores.
- Implemented the recommendation algorithm in a Jupyter Notebook file, which outputs a list of 5 similar songs with their Spotify URLs and similarity scores when provided with a seed song input.

## POSITIONS OF RESPONSIBILITY

Permanent Member

IB Member

Event Manager

Member

Member

Member

Les Amis

Entrepreneurship and Incubation Cell

Asset Management Club

PEC-ACM CSS Student Chapter

Google Developer Student Clubs

Speaker's Association and Study Circle