

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

Technogies | 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

Technogies | HTML, CSS, Javascript, Firebase

- 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.
- Hosted the portfolio website on Firebase for reliable and scalable web hosting. Utilized firebase.json and firebase.json files for easy deployment and management of the hosting environment.

MASK DETECTOR | GITHUB

Technogies | 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

Technogies | 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